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ABSTRACT

This report presents statistical data on the dropout rates in Massachusetts public schools for 1990. The data were gathered through a state mandated annual survey of the state's public schools. Dropouts are defined as students aged 16 years or older who leave school prior to graduation for reasons other than transfer to another school. The report presents findings in several sections. Section I presents data on annual dropout rates by grade, gender, race/ethnicity, Kind of Community (KOC), Service Delivery Area (SDA), and program area. Section II provides data on projected 4-year dropout rates that are based on annual dropout rates and estimate the percentage of entering ninth graders who may not graduate from high school. Sections I and II present statistical data in 11 tables and 6 graphs. Section III provides technical information such as sources of the data, limitations of the data, and methods used to calculate dropout rates. Section IV lists annual dropout rates by school in nine pages of tables. Section V lists projected 4-year dropout rates by school district in eight pages of tables. Appendices contain the definition of a dropout for 1992, lists of communities by SDA, and lists of communities by KOC. (JB)

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# *Dropout Rates in Massachusetts Public Schools: 1990*

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# *Dropout Rates in Massachusetts Public Schools: 1990*

**Developed by:**
**Massachusetts Department of Education**
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**January 1992**

## Dropout Rates in Massachusetts for 1990 - Summary of Findings

**Annual Dropout Rate**
A total of 10,802 public school students enrolled in grades 9-12 dropped out of school between July 1, 1989 and June 30, 1990. This represents an annual dropout rate of 4.6%.

**Projected 4-year Dropout Rate**
Based on the percentage of students who dropped out during the 1989 reporting period, it is estimated that 17% of the Class of 1993 may drop out before graduating.

**Changes in Rate Over Time**
The annual dropout rate has declined slightly but steadily from 5.4% in 1988 to 4.9% in 1989 to 4.6% in 1990. Similarly, the projected 4-year rate has decreased from 20% for the Class of 1992 to 18% for the Class of 1992 to 17% for the Class of 1993.

**Individual Schools**
Annual dropout rates for individual schools ranged from 0% to 21%. While over half the high schools in the state had annual dropout rates below 2.6%, nineteen schools reported rates higher than 10%. In those schools, it is estimated that one-third to one-half of the students may drop out before graduating.

**Grade**
The highest percentage of students dropped out of grades ten and eleven at 5.3% and 5.5% respectively. The lowest percentage of students dropped out of the twelfth grade at 3.5%, while 4.0% dropped out of the ninth grade. Compared with previous years, the ninth grade dropout rate showed the most improvement, declining one percentage point since 1988.

**Gender**
The percentage of males who dropped out at 5.2%, was higher than the percentage of females at 4.0%. The gap in the dropout rate between males and females has persisted since 1988.

**Race/Ethnicity**
The dropout rate for Hispanic students, the highest at 12.6%, was more than three times greater than the rate for white students at 3.6%. Black students had the second highest rate at 9.0%, while Asian students dropped out at a rate of 5.1%. While the Hispanic dropout rate is unacceptably high, it has dropped 1.8 percentage points since 1988. Of all the ethnic/racial groups, only the dropout rate for Asian students increased over the previous year.

**Kind of Community**
The dropout rate for urban centers at 7.7% was twice as high as the second highest rate, 3.5%, for growth communities, and seven times higher than the lowest rate, 1.1%, for residential suburbs. Rural economic centers had the third highest rate at 3.3%, followed by small rural communities at 2.9%, resort/retirement communities at 2.4%, and economically developed suburbs at 2.0%. While the urban dropout rate remains relatively high, it has declined nearly one percentage point since 1988.

**Program Area**
The dropout rate for students with special needs at 8.2% was higher than the statewide rate of 4.6%. The dropout rate for students enrolled in vocational-technical schools at 4.7% was comparable to the statewide rate.

**Service Delivery Area**
Service Delivery Areas are the 15 geographical regions established by the Department of Employment and Training. Dropout rates varied widely by SDA. With a few exceptions, dropout rates were higher in SDA's where poverty levels were also relatively high.

## Implications of Findings

The data presented in this report point to a number of important implications that merit attention at the state, district and individual school levels.

**Schools can make a difference in reducing dropout rates.**
While poverty and the conditions associated with it may influence a school's dropout rate, there are numerous examples of Massachusetts high schools where economically disadvantaged students achieve and graduate. This implies that schools' policies and practices greatly determine student success. Schools with low dropout rates in low-income districts, especially urban schools, might serve to inform others attempting to reduce dropout rates. Other models that have proven successful in serving students at-risk of dropping out include Theodore Sizer's Essential Schools, Henry Levin's Accelerated Schools, and James Comer's School Development Program.

**Dropout prevention initiatives should continue to target students in the middle grades.**
In recent years, dropout prevention initiatives funded by Chapter 188 and other sources have targeted students in the middle grades. Participating schools have made systemic changes in school governance, organization, curriculum and instruction. The fact that the ninth grade dropout rate has declined so dramatically over the past two years is an encouraging sign that the systemic change inititatives have demonstrated success at reconnecting students to school.

**High schools should adopt systemic changes to lower dropout rates.**
While progress has been made in lowering the dropout rate in grade nine, the decline in the tenth and eleventh grade dropout rate has been less dramatic. Our experience has been that most high schools have yet to implement systemic change in school organization, curriculum and instruction. In order to further reduce the state's dropout rate, additional efforts must be made to organize high schools to more effectively engage students in grades ten and eleven.

**Schools need to find alternatives to retaining students in grade.**
While the decline in the ninth grade dropout rate is encouraging, the fact that ninth graders drop out remains troubling. Ninth grade dropouts by definition must be at least sixteen years old. However, age-appropriate ninth graders are usually only fourteen or fifteen. This means that ninth grade dropouts must have repeated at least one grade during their school experience. The implication is that the practice of grade retention, rather than helping low-achieving students "catch up," may lead to their dropping out. Many schools have reduced their dropout rate by implementing alternatives to grade retention that accelerate instruction and student achievement, especially during the transition years between middle school and high school.

**Important information is gained by examining the dropout rate for specific population groups.**
Aggregate dropout rates can be misleading, because they do not convey the picture for particular student groups. A meaningful assessment of any school's or system's dropout rate should include breakdowns by race/ethnicity, gender, grade level, program area, and other relevant groupings.

**Linguistic minorities are most at-risk of dropping out and require additional assistance.** The dropout rate for Hispanic students has declined, but it is still alarmingly high. Many Hispanic students are economically disadvantaged and therefore lack the opportunities for learning available to students from more affluent households. Ample research indicates that to increase the success rate of this population, schools need to develop effective instructional strategies for English language acquisition, and create a curriculum and school climate that build upon their diverse and rich linguistic and cultural backgrounds.

**Efforts to integrate students with special needs into regular education classrooms should be considered.**
Students with special needs in prototypes 502.3, 502.4 and 502.4i have high dropout rates, implying that the effectiveness of programs designed for these students needs to be examined. Educators suggest better coordination of services and/or the increased integration of students with special needs into regular education classrooms as steps to reducing the dropout problem among this population.

**Reductions in grants and aid for education could have an adverse effect on dropout rates.** The decline in the dropout rate between 1988 and 1989 and between 1989 and 1990 is associated with the period during which the funding for Chapter 188 Dropout Prevention initiatives was highest. Beginning in Fiscal 1990, however, dropout prevention funds were cut dramatically, as were other state aid and grant programs (see below). The cuts have severely hampered dropout prevention initiatives in many schools. The effect of the cuts will be understood better when the 1991 and 1992 dropout rates are reported.

Chapter 188 Dropout Prevention Program: Fiscal Years 1987 - 1992

| | FY '87 | FY' 88 | FY '89 | FY '90 | FY '91 | FY '92 |
|---|---|---|---|---|---|---|
| Number. of Grants | 86 | 42 | 38 | 36 | 29 | 26 |
| Distribution (millions) | $2.61 | $2.32 | $2.25 | $0.91 | $0.55 | $0.50 |
| Dropout Rate | 5.3% | 5.4% | 4.9% | 4.6% | * | * |

* not yet available

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# Introduction

## The Concern About Dropouts

A slowdown in U.S. economic growth, coupled with a decline in manufacturing job opportunities over the past two decades, has made it increasingly difficult for high school dropouts to achieve economic self-sufficiency and experience relative prosperity. Between 1973 and 1987, the median income of young male high school graduates declined 25%. The decline in the median income of dropouts was even greater at 36%.[1] Only the income of college graduates increased during this period, indicating that graduating from high school is not enough anymore.

While economic factors point to a critical need for the completion of high school, demographic trends reveal rapid growth in the populations of students public schools have traditionally failed to serve well; namely, language and ethnic minorities and the economically disadvantaged. In Massachusetts, the proportion of both ethnic and linguistic minority students has doubled over the past decade. The proportion of low-income students has also increased dramatically in recent years. In some school districts nearly half of the students receive Aid to Families with Dependent Children or are eligible for free or reduced price meals. Clearly, the need to better serve these disadvantaged student groups is essential, not only to maintain the Commonwealth's competitive status in the national and world economy, but to ensure the very fabric of our democratic way of life.

When considering factors that may contribute to a student's decision to drop out, educators have traditionally focused upon social and economic influences. While being poor, a linguistic or ethnic minority, or a member of a large household may characterize dropouts, many youth with these qualitites do succeed in school and graduate. This achievement is possible

[1] Murnane, R. (1991, Fall). Why Today's Young Men Have Slimmer Paychecks. Alumni Bulletin Harvard Graduate School of Education.

when at-risk students attend schools that have taken positive steps to meet diverse student needs.

**Purpose of the Report**

Effective dropout prevention requires accurate information about the scope and nature of the dropout problem. To assist in efforts to develop successful dropout prevention interventions in the Commonwealth, the Department of Education, under the authority of the Massachusetts Public School Improvement Act of 1985 (Chapter 188), conducts an annual survey of the state's public schools to determine the number of students who drop out.

**In Massachusetts, dropouts are defined as students 16 or older who leave school prior to graduation for reasons other than transfer to another school.**

Using data obtained from the Chapter 188 survey, this report summarizes information about students who dropped out during the 1990 annual reporting period. [2] The report is addressed to policy-makers, educators, advocates, parents, and other parties responsible for ensuring the educational success of public school students in Massachusetts. It also provides useful information for those responsible for developing and providing Adult Basic Education and related literacy and training services. It provides comparative dropout data from 1988 and 1989, and attempts to answer the following important questions:

(1) How many students are dropping out?
(2) Who are the students who drop out?
(3) When do they drop out?
(4) Has the number of students who drop out changed over the past few years?

Recommended strategies for addressing the dropout problem are not included in this report, information on dropout prevention is provided by the Department of Education's publication, Changing Schools and Communities: A Systemic Approach to Dropout Prevention. The report examines the root causes of why students drop out, and suggests that fundamental changes in school organization, policy, and practice are required to help students remain engaged in learning and committed to completing school.

[2] The 1990 reporting period began July 1, 1989 and ended June 30, 1990.

**Organization of the Report**

The report is organized in several sections:

Section I presents data on annual dropout rates, which describe the percentage of students who drop out in a given year. Annual rates are reported by grade, gender, race/ethnicity, Kind of Community (KOC), Service Delivery Area (SDA), and program area (Vocational-Technical Education and Special Education).[3]

Section II provides data on projected 4-year dropout rates. Projected 4-year dropout rates are based on annual dropout rates and estimate the percentage of entering ninth graders for a particular class who may not graduate from high school. They represent the cumulative effect of several years of students dropping out.

Section III provides technical information, such as sources of the data, limitations of the data and methods used to calculate dropout rates..

Section IV lists annual dropout rates by school. Section V lists projected 4-year dropout rates by school district.

**State and National Data**

Until this year (1992), the definition of a dropout varied widely among states. Definitions were inconsistent on such issues as whether students below the legal school-leaving age were identified as dropouts, as well as the period and grade span used to count dropouts. Therefore, comparing dropout rates in this report to those reported by other states may be misleading because of past differences in the definition and methods used to count dropouts.

To address the growing need for uniform dropout figures from each state, the U.S. Department of Education, in cooperation with state educational agencies, recently developed procedures for the collection and reporting of dropout data. Beginning in 1992, Massachusetts public school will be requested to report dropout figures according to the new federal definition. The federal definition of a dropout, as it will appear in the Chapter 188 Individual School Report for 1992 is provided in Appendix A.

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[3] KOC is a scheme that classifies Massachusetts cities and towns into seven categories. The scheme is based on 15 socioeconoic and demographic attributes. A KOC listing by city, town, and regional school district appears in Appendix C.

# Section I: Annual Dropout Rates

**Overall Results**

Statewide, 10,802 ninth through twelfth graders dropped out of Massachusetts public schools between July 1, 1989 and June 30, 1990. These students represented 4.6% of the 235,350 ninth to twelfth graders who were enrolled in the state's public schools in the Fall of 1989. In other words, the 1990 annual dropout rate was 4.6%.

Based on the annual dropout rate, it is projected that 17% of the students who entered ninth grade in the Fall 1989 will not graduate. The projection represents the cumulative effect of several years of dropping out, and is referred to in this report as the projected 4-year dropout rate. While this section of the report provides annual dropout rates for selected population groups, projected 4-year rates can be found in Section II.

While losing 4.6% of the high school student population in a single year is cause for concern, this rate represents a decrease in the total number of dropouts compared to previous years. The decline in the number of dropouts from 13,983 in 1988 to 11,855 in 1989 to 10,802 in 1990, has resulted in a slight but steady decrease in the annual dropout rate since 1988, even though the enrollment also decreased during that period (Table 1).

**Table 1: Statewide Annual Dropout Rates: 1988-1990**

| | 1988 | 1989 | 1990 |
|---|---|---|---|
| Number of Dropouts | 13,983 | 11,855 | 10,802 |
| Grade 9-12 Enrollment | 258,546 | 242,748 | 235,350 |
| Dropout Rate | 5.4% | 4.9% | 4.6% |

The decrease in annual dropout rates in 1989 and 1990 is an encouraging sign that public schools have responded to the dropout problem with innovative programming. In particular, initiatives through the Chapter 188 Dropout Prevention Program have required participating schools to adopt a systemic change approach to raising achievement and lowering dropout rates.

The systemic approach to dropout prevention includes making changes in school organization, governance, curricula, and instructional strategies to ensure high quality academic and support services for all students, not just those identified as at-risk of dropping out. Specific initiatives that schools have adopted include shared decision-making forms of governance, grouping students with different ability levels into clusters taught by teams of teachers, elimination of grade retention, flexible scheduling, curriculum centered around themes instead of subjects, and multiple opportunities for parent involvement. By implementing these strategies school-wide, it has been found that schools can more directly address the root causes of high dropout rates.

Beginning in Fiscal Year 1990, however, significant cuts in state aid and discretionary grant programs severely curtailed systemic initiatives to lower dropout rates in many districts. It is likely that these cuts will affect school dropout rates over the long term. The effect of the cuts on the state's dropout rates will be understood better when the 1991 and 1992 dropout data are reported.

**Summary of Results for Selected Populations 1989-1990**

Annual dropout rates have decreased slightly for almost all categories of students since 1988, but the deline was more pronounced for some groups than others. As shown in Table 2, in both 1989 and 1990, the decrease in the dropout rate was greater for ninth and tenth graders than for eleventh and twelfth graders, suggesting that more students may be staying in school longer. The decrease seen between 1988 and 1989 was greater for males than females but the reverse was true for the decrease seen between 1989 and 1990. The findings for the different racial/ethnic groups indicate that the dropout rate for blacks showed the largest decrease in 1989 dropping from 10.6% to 9.2%. The dropout rate for Hispanic students, still alarmingly high at 12.6%, showed the largest decrease in 1990, dropping from 14.1%. Finally, dropout patterns by Kind of Community reveal that urban centers had the largest decrease in dropout rates in 1989, while rural communities had the largest decrease in 1990.

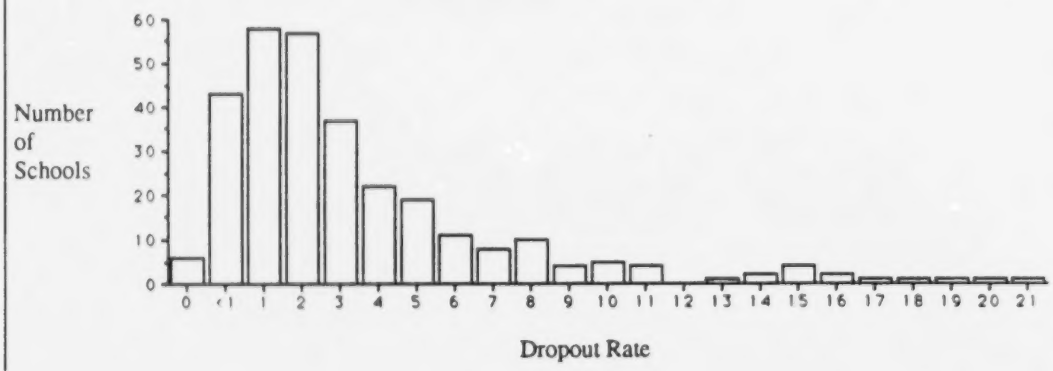
**Table 2: Annual Dropout Rates: 1988-1990**

| | 1988 | 1989 | 1990 |
|---|---|---|---|
| Grade | | | |
| Grade 9 | 5.0% | 4.4% | 4.0% |
| Grade 10 | 6.5% | 5.8% | 5.3% |
| Grade 11 | 6.1% | 5.7% | 5.5% |
| Grade 12 | 3.8% | 3.6% | 3.5% |
| **Grades 9-12** | **5.4%** | **4.9%** | **4.6%** |
| Gender | | | |
| Male | 6.2% | 5.3% | 5.2% |
| Female | 4.6% | 4.5% | 4.0% |
| Race/Ethnic Group | | | |
| Asian | 4.8% | 4.7% | 5.1% |
| Black | 10.6% | 9.2% | 9.0% |
| Hispanic | 14.4% | 14.1% | 12.6% |
| Native American | 11.8% | 7.8% | 8.0% |
| White | 4.5% | 4.0% | 3.6% |
| Kind of Community | | | |
| Urban Centers | 8.9% | 8.0% | 7.7% |
| Economically Developed Suburbs | 2.6% | 2.3% | 2.0% |
| Growth Communities | 4.3% | 3.9% | 3.5% |
| Residential Suburbs | 1.4% | 1.3% | 1.1% |
| Rural Economic Centers | 4.4% | 3.9% | 3.3% |
| Small Rural Communities | 3.5% | 3.5% | 2.9% |
| Resort/Retirement/Artistic | 2.9% | 2.0% | 2.4% |

**School Results**

The decrease in the statewide annual dropout rate holds promise, but the aggregate rate masks the severe dropout problem that exists in some schools. Dropout rates in the Commonwealth's 298 public high schools ranged from a low of 0% to a high of 21% (Figure 1). Fifty-three schools reported dropout rates of less than 1% for 1990. While this is good news, 19 schools reported dropout rates in excess of 10%. Annual dropout rates for individual schools are provided in Section IV.

**Figure 1: Distribution of Annual Dropout Rates by School - 1990**




Percentile categories provide another way of understanding the marked differences in dropout rates at the local level (Table 3). Each percentile category in the first column gives the proportion of schools with dropout rates equal to or below the rate indicated in the second column.

The data indicate that 25% of the schools had dropout rates less than or equal to 1.4%, 50% of the schools had rates less than or equal to 2.6% (median), and 75% of the schools had rates less than or equal to 5.0%. The 76 schools at the 75th percentile and higher accounted for 67.5% of the students who dropped-out, but enrolled only 32.6% of the total statewide student population. In other words, one-third of the enrollment accounts for two-thirds of the dropouts.

Table 3 is also useful for comparing the dropout rate of a specific school in relation to the rates of other schools. For example, about 10% of the schools had a dropout rate lower than a school with a rate of 0.7%. In contrast, about 90% of the schools had a dropout rate lower than a school with a rate of 8.7%.

**Table 3: Distribution of District Results: 1990**

(Number of Schools = 298)

The first column indicates the percentage of schools with dropout rates equal to or below the corresponding figure in the second column.

| Percentage of Schools | Annual Dropout Rate |
|---|---|
| 1% | 0.0% |
| 5% | 0.3% |
| 10% | 0.7% |
| 25% | 1.4% |
| 50% | 2.6% |
| 75% | 5.0% |
| 90% | 8.7% |
| 95% | 11.9% |
| 99% | 19.7% |

## Results for Selected Population Groups

A critical look at the dropout rate for specific populations of students is necessary in order to understand who is dropping out and to appropriately target resources. In 1990, dropout rates varied widely among different ethnic groups, for males and females, by grade level, and by Kind of Community (Table 4). The data indicate that for certain groups the dropout rate was high, raising concerns about how well schools are serving all youth. These data are discussed in more detail in the following sections of the report.

**Table 4: Summary of Annual Dropout Rates 1990**

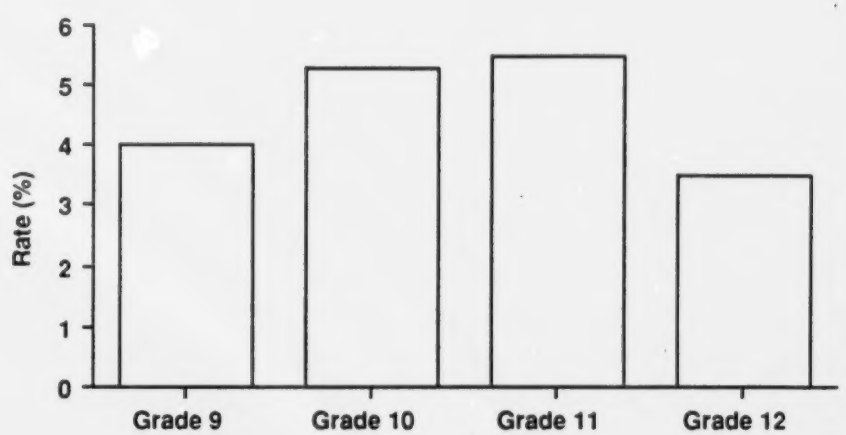
| | # of Dropouts | Enrollment | Annual Rate |
|---|---|---|---|
| Grade | | | |
| Grade 9 | 2,501 | 61,890 | 4.0% |
| Grade 10 | 3,187 | 60,360 | 5.3% |
| Grade 11 | 3,160 | 57,155 | 5.5% |
| Grade 12 | 1,954 | 55,945 | 3.5% |
| **Grades 9-12** | **10,802** | **235,350** | **4.6%** |
| Gender | | | |
| Male | 6,250 | 120,113 | 5.2% |
| Female | 4,552 | 115,237 | 4.0% |
| Race/Ethnic Group | | | |
| Asian | 376 | 7,417 | 5.1% |
| Black | 1,515 | 16,861 | 9.0% |
| Hispanic | 1,788 | 14,218 | 12.6% |
| Native American | 30 | 374 | 8.0% |
| White | 7,093 | 196,480 | 3.6% |
| Kind of Community | | | |
| Urban Centers | 7,566 | 98,343 | 7.7% |
| Economically Developed Suburbs | 1,224 | 62,401 | 2.0% |
| Growth Communities | 953 | 26,972 | 3.5% |
| Residential Suburbs | 249 | 21,807 | 1.1% |
| Rural Economic Centers | 651 | 19,805 | 3.3% |
| Small Rural Communities | 89 | 3,051 | 2.9% |
| Resort/Retirement/Artistic | 70 | 2,971 | 2.4% |

**Results by Grade**

Looking at the dropout rate according to grade level provides information about when students leave school. Proportionately more tenth and eleventh graders dropped out than did students in any other grade (Figure 2). Students in tenth and eleventh grades had the highest dropout rates at 5.3% and 5.5% respectively. The higher rates correspond to the grades in which students generally turn sixteen, the age at which compulsory school attendance is no longer required by state law. Not surprisingly, students who succeeded in reaching the twelfth grade were the least likely to drop out, with the lowest dropout rate at 3.5%.

Over the past several years , tenth and eleventh graders have had the highest dropout rates, followed by ninth graders and then twelfth graders. Table 2 reveals slight decreases in the dropout rates for all grade levels for the past two years. The largest decreases have occurred at the ninth grade level, suggesting that the recent emphasis of various dropout prevention initiatives at the elementary and middle school levels may be an important factor in reconnecting students to school.

**Figure 2: Annual Dropout Rates by Grade - 1990**



The fact that students drop out as early as the ninth grade is troubling. Ninth graders are usually only fourteen or fifteen, indicating that many ninth grade dropouts, who by definition must be at least sixteen years-old, probably repeated a grade at some time during their school experience. There is an extensive body of research that documents the strong correlation between grade retention and dropping out.

Youth in Transition, a longitudinal study of school dropouts, found that repeating one grade increased a student's risk of dropping out by 40-50 percent, repeating two grades increased that risk by 90 percent.[4] A study of Chicago dropouts found that over-age students not only drop out more often than their grade-appropriate peers reading at the same level, but they drop out more often than grade-appropriate students reading at a lower level.[5] These findings raise serious concerns about the practice of grade retention as an effective means of helping low-achieving students succeed in school.

**Results by Gender**

Male students continued to drop out at a moderately higher rate than female students in 1990. A total of 6,250 males dropped out, representing 5.2% of all male ninth through twelfth grade students. In comparison, 4,552 females dropped out, a rate of 4.0%. While males accounted for 51.0% of the ninth through twelfth grade student population, they represented 57.9% of all dropouts. In contrast, female students accounted for 49.0% of the enrollment but only 42.1% of all dropouts.

Males have dropped out of school at higher rates than females for the past three years (Table 2). The gap between the dropout rates for males and females began to narrow in 1989 when the rate for male students decreased by close to a percentage point. However, in 1990 the dropout rate for male students saw only a very small decrease while the rate for female students declined by half a percentage point, again widening the gap between the two groups.

The pattern of dropping out at each grade level is the same for both males and females (Table 5). Both males and females dropped out at higher rates in the tenth and eleventh grades.

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[4] Cited in, Mann, D. (1986). Can We Help Dropouts: Thinking About the Undoable. Teachers College Record, 87 (30).
[5] Hess, G.A. (1986). Educational Triage in An Urban School Setting. Metropolitan Education.

Likewise, both males and females dropped out at the lowest rate in twelfth grade. The difference in the dropout rates between males and females was smallest at the twelfth grade.

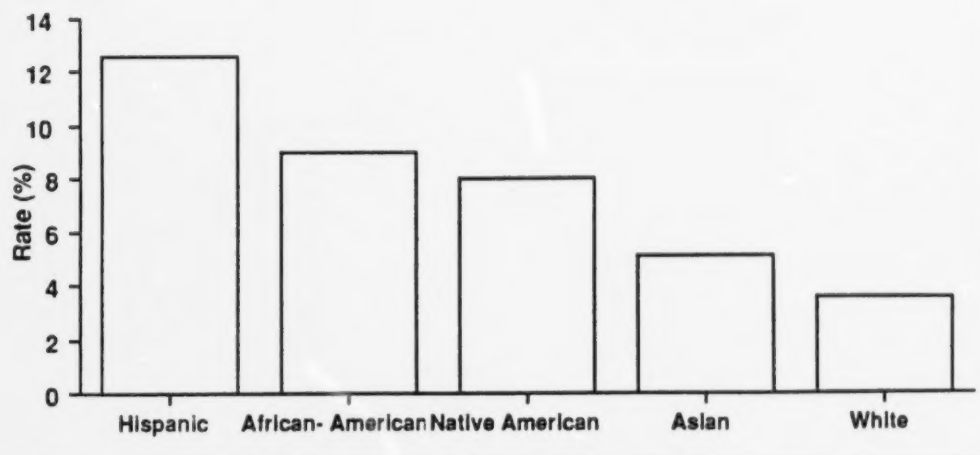
**Table 5: Gender by Grade: 1990**

| | Grade 9 | Grade 10 | Grade 11 | Grade 12 |
|---|---|---|---|---|
| Male | 4.6% | 6.1% | 6.1% | 3.9% |
| Female | 3.4% | 4.5% | 4.9% | 3.0% |

**Results by Race/Ethnicity**

The differences in the dropout rates for the various racial/ethnic groups were dramatic (Figure 3). The dropout rate for Hispanic students, the highest at 12.6%, was over three times greater than the rate for white students at 3.6%. Black students had the second highest rate at 9.0%, over twice as high as the rate for whites. The dropout rate for Asian students at 5.1% was considerably closer to the 3.6% rate for white students. Native American students, who at less than 1% of the total enrollment are a small population in Massachusetts public schools, dropped out at a rate of 8.0%.

**Figure 3: Annual Dropout Rates by Race - 1990**



Hispanic and black students were dramatically over- represented in the total pool of dropouts for 1990 (Figures 4 and 5). While only 6.0% of all ninth to twelfth graders were Hispanic, 16.6% of all dropouts were Hispanic. Similarly, black students represented only 7.2% of the ninth to twelfth grade enrollment, but 14.0% of all dropouts. White students, who accounted for 83.5% of the total ninth to twelfth grade enrollment, were under-represented in the total pool of dropouts at 65.7%. Nearly two-thirds of all the dropouts in 1990 were white students.

**Figure 4: Composition of Dropout Pool - 1990**

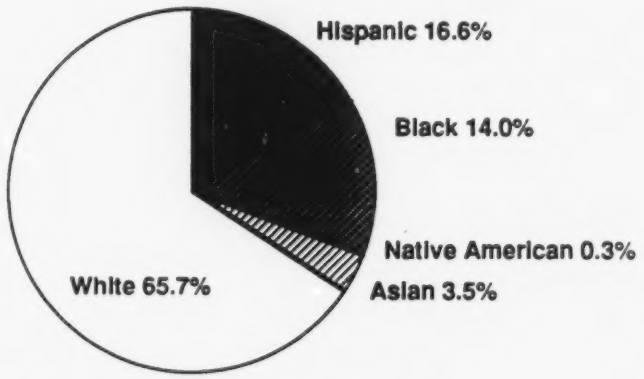
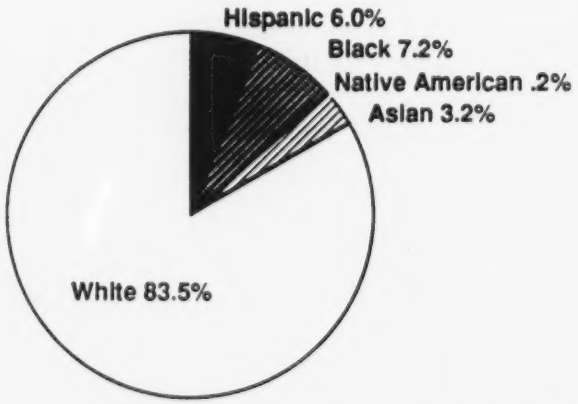



**Figure 5: Composition of Enrollment - 1990**



With the exception of the 1990 dropout rate for Asian students, the data generally show a decline in the dropout rates for the various groups (Table 2). While the dropout rate for Hispanic students is still high at 12.6%, it has decreased consistently over the past three years, with the largest decline in 1990. The decrease in the percentage of black students dropping out in 1990 as compared to 1989 was very slight, but maintained the more considerable gain made in 1989. In contrast, the dropout rate for Asian students increased for the first time in three years. Moreover, 1990 was the first year in which the Asian dropout rate exceeded the statewide average.

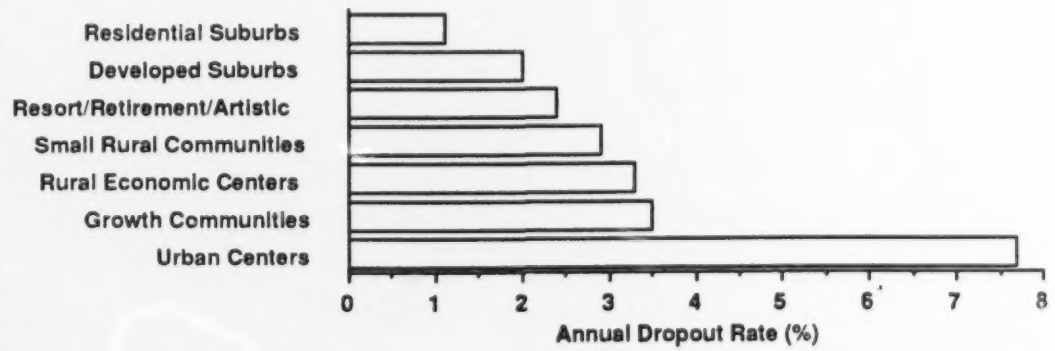
The increase in the dropout rate for Asian students contradicts the often-held belief that Asian students are not at-risk of dropping out and do not require additional assistance or resources. What is often referred to as the "myth of the model minority" frequently results in a lack of focus on the needs of Asian students in dropout prevention efforts. The newer Asian arrivals, which represent an increasing proportion of the Asian student population, are at higher risk of dropping out than earlier immigrant groups. Before coming to America, these youth spent many years in war-torn countries and refugee camps where they were deprived of formal education. Schools need to be well prepared to successfully address the unique range of cultural, linguistic, psychological and academic challenges these students face.

**Annual Results by Kind of Community**

The Department of Education groups communities into seven different categories or Kinds of Communities. The categories are based on 15 socioeconomic and demographic attributes. The attributes were chosen because they represent factors which differentiate communities from one another. Classifying communities according to common attributes allows schools to evaluate their success in relation to schools that share similar conditions. Moreover, the classification scheme assists schools in finding appropriate models for assistance.

Dropout rates varied widely by the Kind of Community (Figure 6). The rate for urban centers at 7.7%, was twice as high as the rate for growth communities (3.5%), and seven times higher than the rate for residential suburbs (1.1%). Students from urban centers were over-represented in the pool of dropouts. They accounted for only 42% of the ninth through twelfth grade enrollment but represented 70% of all dropouts. Rural economic centers had the third highest dropout rate at 3.3%, followed by small rural communities at 2.9%, resort/ retirement/artistic communities at 2.4%, and economically developed suburbs at 2.0%.

**Figure 6: Annual Dropout Rates by KOC - 1990**



With the exception of a small increase in the dropout rate for resort/retirement/artistic communities, the dropout rates for all other categories of communities have shown small but consistent decreases since 1988 (Table 2). Because resort/retirement/artistic communities account for only 0.6% of all dropouts, their dropout rate is sensitive to relatively small changes in the number of dropouts.

Like many other states, urban centers in Massachusetts struggle to address the needs of their student population. Schools in urban centers enroll 82% of all students in the state who receive Aid for Dependent Children, but only 42% of the statewide enrollment. In other words, over three-quarters of the low-income students in the Commonwealth attend schools in urban centers even though they account for less than half of the statewide student population.

While urban schools have a disproportionate share of students who require additional assistance and resources to learn, a number of schools in urban centers appear to successfully engage and motivate their students. As indicated by Table 9, 10% of urban schools have dropout rates of less than 2%. These schools have dropout rates comparable to their suburban counterparts and may provide successful models for other urban schools striving to lower their dropout rates.

Using Table 6, schools can compare their dropout rates to schools in communities similar to theirs as well as to schools in other Kinds of Communities. [6] For example, if an urban school had a dropout rate of 3.4%, its rate was lower than about 75% of the schools in urban centers, but lower than only 50% of the schools in growth communities.

[6] Table does not include small rural and resort/retirement/artistic categories because of the small number of high schools, six and nine respectively, represented by these KOC categories.

**Table 6: Distribution of Dropout Rates by KOC: 1990**

The first column indicates the percentage of schools with dropout rates equal to or below the corresponding figures in the remaining columns.

| | Urban | Econ Dev Sub | Growth | Res Suburb | Rural Centers |
|---|---|---|---|---|---|
| Percentage of Schools | | | Annual Dropout Rates | | |
| 5% | 0.9% | 0.2% | 0.5% | 0.0% | 1.0% |
| 10% | 1.8% | 0.4% | 0.9% | 0.0% | 1.3% |
| 25% | 3.4% | 0.7% | 2.1% | 0.5% | 1.9% |
| 50% | 5.7% | 1.6% | 2.8% | 0.9% | 2.8% |
| 75% | 9.1% | 2.6% | 3.7% | 1.6% | 3.8% |
| 90% | 15.4% | 4.1% | 6.4% | 2.2% | 5.8% |
| 95% | 18.7% | 6.1% | 8.4% | 2.6% | 6.5% |

Small rural and resort/retirement/artistic communities were excluded due to insufficient data points.

## Results for Vocational-Technical Schools

For the 1989-90 school year, 47 vocational-technical schools enrolled 30,730 ninth to twelfth graders or 13.1% of the high school students statewide [7]. A total of 1,453 of those students dropped out, representing an annual dropout rate of 4.7%. The rate is comparable to the statewide annual rate of 4.6%.

In 1990, most vocational students (nearly 84%) attended the 35 regional, independent, or county vocational-technical schools. The remainder attended the 12 district vocational-technical schools. Ten of the twelve district vocational-technical schools were located in urban centers. The dropout rate for district vocational-technical schools, at 8.8%, was over twice as high as the dropout rate for independent, county, and regional vocational-technical schools at 3.9% (Table 7). Moreover, the dropout rate for the regional schools was lower than the statewide rate while the rate for the district schools was considerably higher. The dropout rate for district vocational-technical schools at 8.8% was also higher than the rate for urban centers at 7.7%.

[7] Numbers do not include vocational-technical students enrolled in comprehensive high sechools.

**Table 7: Vocational -Technical Schools: Annual Dropout Rate for 1990**

| | # Dropouts | Enrollment | Rate |
|---|---|---|---|
| All Voc-Tech Schools | 1,453 | 30,730 | 4.7% |
| Regional Voc-Tech Schools Only | 1,013 | 25,734 | 3.9% |
| District Voc-Tech Schools Only | 440 | 4,996 | 8.8% |

The relatively high annual dropout rate for district vocational-technical schools raise some questions: What are the characteristics of the students who choose to attend these schools? Would students attending them drop out at even higher rates if they did not have the option of a vocational-technical program? Are the programs appropriately designed to effectively serve the students who attend them? Finding answers to these questions is an important step in addressing the dropout problem in these schools.

Consistent with the decline in the statewide rate, dropout rates have decreased for regional vocational-technical schools, as well as the district vocational-technical schools (Table 8).

**Table 8: Vocational-Technical Schools: Annual Dropout Rates for 1989 and 1990**

| | 1989 | 1990 |
|---|---|---|
| All Voc-Tech Schools | 5.5% | 4.7% |
| Regional Voc-Tech Schools Only | 4.7% | 3.9% |
| District Voc-Tech Schools Only | 9.7% | 8.8% |

### Students with Special Needs

A total of 2,004 students with special needs aged 16 to 22 dropped out of school during the 1989-90 school year. [8] This represents 8.2% of the 24,401 students with special needs aged 16 to 22 enrolled in the Fall 1989. At 8.2%, the annual dropout rate for students with special needs was moderately higher than the statewide annual rate (4.6%). Moreover, the 1990 dropout rate for this student population represented an increase over the 1989 rate, which was 7.4%.

[8] Information on students with special needs was gathered by the *Exit Data Report- A Headcount of Students Who Leave Special Education for 1990.*

The percentage of students with special needs who dropped out varied by prototype (Table 9). Students who spent from 25%-60% of their time out of the regular education classroom receiving services (prototype 502.3) dropped out at almost twice the rate of those who received all their services within the regular education classroom (502.1). For students receiving services in separate public school facilities (502.4i), the rate was three times as high as students with the prototype 502.1.

These figures parallel national figures with respect to the dropout rate for students with special needs being higher than for students in regular education. The data indicate the importance of carefully reviewing the effectiveness of programs designed to serve students in special education. Educators suggest the better coordination of services and/or the increased integration of students with special needs into regular education classrooms as successful strategies for reducing the dropout rate among this population.

**Explanation of Prototypes**

Massachusetts does not classify students by disability category, instead the term prototype is used to describe the amount and location of special education services provided to students as follows:

Students with the prototype 502.1 receive services solely within regular education classrooms.

Students with the prototype 502.2 spend up to 25% of their time out of the regular education classroom receiving special education services, while students with prototype 502.3 spend between 25% and 60% outside the regular education classroom.

Students with prototype 502.4 receive services solely outside the regular education classroom, but within operating schools. Students who are with prototype 502.4i receive services solely outside the regular education classroom, but in separate public school facilities.

Students in prototypes 502.5 and 502.6 attend private day and residential schools, while students in prototype 502.7 receive services at home or in a hospital.

**Table 9: Annual Dropout Rates for Students with Special Needs by Prototype: 1990**

| Prototype | | # Dropouts | Enrollment | Rate |
|---|---|---|---|---|
| 502.1 | Modified | 144 | 2,479 | 5.8% |
| 502.2 | Up to 25% Separate | 660 | 10,399 | 6.3% |
| 502.3 | 25% - 60% Separate | 489 | 3,850 | 12.7% |
| 502.4 | Substantially Separate | 337 | 4,033 | 8.4% |
| 502.4i | Separate Facility | 218 | 1,281 | 17.0% |
| 502.5 | Private Day | 141 | 1,544 | 9.1% |
| 502.6 | Private Residential | 5 | 501 | 1.0% |
| 502.7 | Home/Hospital | 10 | 314 | 3.2% |
| Total | | 2,004 | 24,401 | 8.2% |

**Results by Service Delivery Area**

Service Delivery Areas (SDAs) are the 15 regions of the state, established by the Department of Employment and Training under the Job Training Partnership Act, through which employment and training services are planned and implemented. Each SDA has a designated agency responsible for coordinating programs and services. With the exception of Boston, each SDA is comprised of many communities ( see Appendix X for a listing).

The SDA system is based on geographical location. Unlike the KOC categories discussed earlier in this report, the communities within each SDA do not necessarily share similar socioeconomic and demographic attributes. The Department of Employment and Training, the state agency responsible for administering state and federal employment and training programs, uses dropout information to more appropriately target their resources. Similarly, at the local level, dropout information is used by SDA administering agencies and service providers to target funds and assess programs.

The differences in dropout rates for the 15 SDAs were considerable ranging from a low of 1.7% for Metro South/West to a high of 10.9% for Boston (Figure 10). Consistent with ample research evidence, the data reveal a strong relationship between poverty and the dropout rate. With a few exceptions, the higher the percentage of students receiving Aid to Families with Dependent Children (AFDC) within a SDA, the higher the dropout rate.

**Table 10: Dropout Rates by Service Delivery Area: 1990**

| | No. Districts Served | Enrollment | AFDC Rate | # of Dropouts | Annual Dropout Rate |
|---|---|---|---|---|---|
| Berkshire | 19 | 6206 | 9.3% | 266 | 4.2% |
| Boston | 1 | 16287 | 31.4% | 1785 | 10.9% |
| Bristol | 16 | 13579 | 10.0% | 789 | 5.8% |
| Brockton | 13 | 10619 | 10.8% | 481 | 4.5% |
| Franklin/Hampshire | 45 | 8551 | 8.0% | 298 | 3.4% |
| Hampden | 22 | 18501 | 22.7% | 1216 | 6.5% |
| Metro North | 21 | 23017 | 10.2% | 789 | 3.4% |
| Metro SW | 54 | 33505 | 2.7% | 585 | 1.7% |
| New Bedford | 38 | 17124 | 11.3% | 787 | 4.6% |
| L Merrimack | 19 | 12263 | 17.0% | 695 | 5.6% |
| N Middlesex | 9 | 11857 | 12.2% | 530 | 4.4% |
| N Worcester | 22 | 10000 | 8.2% | 405 | 4.1% |
| S Coastal | 25 | 19276 | 5.0% | 492 | 2.5% |
| S Essex | 21 | 13960 | 12.1% | 738 | 5.2% |
| S Worcester | 37 | 20605 | 1.2% | 946 | 4.5% |
| Totals | 362 | 235,350 | 11% | 10,802 | 4.6% |

# Section II: Projected 4-Year Dropout Rate

**About the Projected 4-Year Dropout Rate**

The annual dropout rates, described earlier in this report, indicate the percentage of ninth to twelfth graders who dropped out of school during a one-year period. In contrast, projected 4-year dropout rates, reported in this section, estimate the percentage of ninth graders who may not complete four years of high school and graduate. Since the projected 4-year dropout rate describes the cumulative effect of several years of dropping out, it is often held to be a more dramatic indicator of a school's "holding power" than the annual dropout rate.

The projected 4-year dropout rate does not equal four times the annual dropout rate. Readers interested in the method used to calculate the projected rate should refer to the technical section. Moreover, consumers of this information are cautioned that two assumptions are made in estimating the 4-year rate. The first is that the annual dropout rates for grades ten, eleven and twelve will remain reasonably constant over several years. The second is that students who drop out do not return to school.

Projected 4-year dropout rates are relatively reliable at the state level, but figures for the individual schools and districts are sensitive to annual fluctuations in local dropout patterns. Projected 4-year rates are provided for individual school districts in Section V.

**Statewide Results**

The projected 4-year dropout rate for the Class of 1993 is 17%. The rate estimates that 10,520 of the 61890 students who entered the ninth grade in the Fall of 1989 will not graduate from high school. The decline in the projected 4-year rate for the Classes of 1992 and 1993 is consistent with the decrease in the annual dropout rates for the past two years. The decreases in the annual dropout rates indicate that a larger number of the total pool of all ninth through twelfth graders remain in school each year.

**Results for Selected Population Groups**

The projected 4-year dropout rates vary for particular student populations in a pattern similar to the annual dropout rates ( Table 11). The figures reveal that the dropout problem is most acute for black and Hispanic students and for students attending schools in urban centers. The 4-year rates estimate that statewide, each of the classes graduating in 1991, 1992 and 1993 will have lost over 40% of the Hispanic students that began as part of the ninth grade group. These same classes will have lost over 30% of their black students.

Considering Kind of Community, the gap in the projected 4-year rates is widest between urban centers and residential suburbs. For the past three classes, it is estimated that over 25% of the students attending school in urban centers will drop out while 5% or less of those attending schools in residential suburbs will do so. More than one out of every four urban students will leave school before graduating, but only one out of every 20 suburban students will do so.

The projected 4-year dropout rate declines for each graduating class since1991 for all groups of students, except Asian students and students attending schools in resort/retirement/artistic communities (Table 11). The rate indicates that more students from the class of 1993 may graduate than from the previous two classes.

**Table 11: Projected 4-Year Dropout Rates**

Classes of 1991, 1992, and 1993

| | 1991 | 1992 | 1993 |
|---|---|---|---|
| State | 20% | 18% | 17% |
| Gender | | | |
| Male | 21% | 20% | 19% |
| Female | 18% | 17% | 15% |
| Race/Ethnic Group | | | |
| Asian | 18% | 17% | 19% |
| Black | 36% | 32% | 31% |
| Hispanic | 45% | 45% | 41% |
| Native American | 40% | 29% | 28% |
| White | 17% | 15% | 14% |
| Kind of Community | | | |
| Urban Centers | 31% | 28% | 27% |
| Economically Developed Suburbs | 10% | 9% | 7% |
| Growth Communities | 16% | 15% | 13% |
| Residential Suburbs | 5% | 5% | 4% |
| Rural Economic Centers | 17% | 15% | 12% |
| Small Rural Communities | 14% | 13% | 11% |
| Resort/Retire/Artistic | 11% | 8% | 9% |

# Section III: Technical Information

Data Collection

Dropout figures presented in this study were reported to the Department of Education in the *Chapter 188 Individual School Report (1989-90).* School personnel reported the number of students who dropped out over a 12-month period beginning July 1, 1989 and ending June 30, 1990. Dropouts were classified by gender within five racial/ethnic groups across grades 6 through 12.

**In Massachusetts a dropout is defined as a student age 16 or older who leaves school prior to graduation for reasons other than transfer to another school.**

Statewide dropout data are based on the responses of 324 schools located in 252 school districts. This represents a complete census of the schools in the Commonwealth that contain any of the grades 9-12. As in any survey research, the accuracy of the data provided is limited by such factors as the design of the survey, and by reporting and processing errors. The Department of Education has attempted to minimize these errors by conducting workshops for and providing ongoing technical assistance to school personnel completing the survey.

As an additional check on the reliability of schools "self-reported" dropout data, letters were sent to schools reporting relatively high numbers of dropouts asking that the data be examined and reconfirmed. Through this procedure, reporting errors were uncovered and corrected. Since 1990 marked the fourth year in which schools reported Chapter 188 dropout statistics, the quality of the data has improed as school personnel have become more familiar with how to apply the state's dropout definition, and enhanced their capacity to maintain and report student-based information.

Limitations of Data

The accuracy of dropout data depends primarily upon how schools apply the definition of a dropout provided in the survey. The definition states that school leavers be counted as dropouts if they did not graduate or did not transfer to another school. However, through our experience in collecting dropout data over the past several years, we have learned that common reporting errors include:

1. Counting students who have transferred as dropouts. When a student leaves school, and school officials have no evidence that the student has transferred to another school or graduated, the student is classified as a dropout. In some cases, however, the student may be attending school in another district, state or country, but no attempt has been made to notify the school the student left of the transfer. This results in an over-count of the number of dropouts.

2. Counting students who have dropped out as transfers. For example, school leavers who enter GED programs sometimes are not counted as dropouts. According to the Massachusetts dropout definition, school leavers are dropouts if they enroll in GED programs which are not directly part of a district's secondary program. This results in an under-count of the number of dropouts.

**Dropout Rate Formulas**

1. Annual Dropout Rate

The annual dropout rate is calculated by comparing the number of dropouts over a single one-year period to the October 1 enrollment for that period. Enrollment data are derived from the *Individual School Report,* commonly referred to as the October Enrollment Report. October 1, 1988 enrollment data were used to determine the 1989 annual dropout rate.

**Annual Dropout Rate = number of dropouts / October enrollment • 100**

Example: Statewide Annual Dropout Rate (1990) = 10,802 / 235,350 = 4.6%

2. Projected 4-Year Dropout Rate

The projected 4-year dropout rate is determined by calculating the cumulative effect of several years of dropping out according to the formula shown below. The methodology assumes that (1) current annual dropout rates for grades ten, eleven and twelve will remain reasonably constant over several years and (2) students who drop out will not return to school. While projected 4-year dropout rates are relatively reliable at the state level, figures for individual schools and districts are especially sensitive to annual fluctuations in local dropout patterns.

The grade-specific dropout rates (W,X,Y and Z) vary according to the particular population being examined. Two examples are shown to illustrate this point: the statewide projected 4-year rate, and the projected 4-year rate for urban centers.

**Projected 4-Year Rate = [1 - (1 - W) (1 - X) (1 - Y) (1 - Z)] • 100**

W = Annual Dropout Rate in Grade 9
X = Annual Dropout Rate in Grade 10
Y = Annual Dropout Rate in Grade 11
Z = Annual Dropout Rate in Grade 12

Examples

Statewide Projected 4-Year Dropout Rate =
1 - (1 - 4.0%) (1 - 5.3%) (1 - 5.5%) (1 - 3.5%) • 100 = 17%

Projected 4-Year Dropout Rate, Urban Centers =
1 - (1 - 7.1%) (1 - 8.9%) (1 - 8.9%) (1 - 5.5%) • 100 = 27%

**Final Note**

The Department of Education recognizes that there are different ways to define dropouts and calculate dropout rates. The methodology used in this study attempts to balance the benefit of having accurate and uniform information about dropouts with the burden and expense of the process of collecting and analyzing the data. We encourage suggestions about how the reporting or analysis statistics on dropouts may be further improved.

# Section IV: Annual Dropout Rates by School

ANNUAL DROPOUT RATES BY SCHOOL AND DISTRICT

| DISTRICT | SCHOOL NAME | 1987 | | 1988 | | 1989 | | 1990 | |
|---|---|---|---|---|---|---|---|---|---|
| | | # | % | # | % | # | % | # | % |
| ABINGTON | ABINGTON HIGH | 18 | 2.7% | 15 | 2.4% | 16 | 3.1% | 12 | 2.5% |
| AGAWAM | AGAWAM JUNIOR HIGH | 4 | 1.1% | 5 | 1.6% | 4 | 1.4% | 6 | 2.1% |
| | AGAWAM HIGH | 54 | 4.9% | 77 | 7.2% | 50 | 5.1% | 34 | 3.7% |
| | TOTAL | 58 | 4.0% | 82 | 5.9% | 54 | 4.2% | 40 | 3.3% |
| AMESBURY | AMESBURY HIGH | 39 | 5.5% | 22 | 3.4% | 32 | 5.3% | 35 | 5.8% |
| ANDOVER | ANDOVER HIGH | 17 | 1.5% | 18 | 1.7% | 10 | 0.8% | 8 | 0.7% |
| ARLINGTON | ARLINGTON HIGH | 33 | 2.3% | 37 | 2.8% | 9 | 0.7% | 16 | 1.4% |
| ASHLAND | ASHLAND HIGH | 6 | 1.4% | 5 | 1.3% | 2 | 0.5% | 1 | 0.3% |
| ATTLEBORO | ATTLEBORO HIGH | 100 | 7.5% | 87 | 7.0% | 89 | 7.6% | 85 | 7.4% |
| | ATTLEBORO VOC TECH HIGH | 44 | 10.2% | 68 | 16.0% | 37 | 10.5% | 41 | 11.9% |
| | TOTAL | 144 | 8.2% | 155 | 9.3% | 126 | 8.3% | 126 | 8.4% |
| AUBURN | AUBURN SENIOR HIGH | 9 | 1.4% | 17 | 2.7% | 10 | 1.6% | 6 | 1.1% |
| AVON | AVON SENIOR HIGH | 3 | 1.7% | 4 | 2.5% | 1 | 0.8% | 4 | 3.1% |
| AYER | AYER SR HIGH SCHOOL | 35 | 5.6% | 28 | 4.4% | 13 | 2.3% | 22 | 3.9% |
| BARNSTABLE | BARNSTABLE HIGH | 70 | 4.3% | 75 | 4.9% | 91 | 6.2% | 77 | 5.3% |
| BEDFORD | BEDFORD HIGH | 8 | 1.1% | 9 | 1.2% | 8 | 1.2% | 4 | 0.7% |
| BELCHERTOWN | BELCHERTOWN SR HIGH | 20 | 4.7% | 20 | 5.1% | 13 | 3.5% | 8 | 2.2% |
| BELLINGHAM | BELLINGHAM MEMORIAL JR-SR | 18 | 2.3% | 28 | 3.8% | 18 | 2.7% | 10 | 1.6% |
| BELMONT | BELMONT HIGH SCHOOL | 18 | 1.8% | 7 | 0.7% | 0 | 0.0% | 3 | 0.4% |
| BEVERLY | BEVERLY HIGH | 31 | 2.1% | 35 | 2.5% | 59 | 4.7% | 43 | 3.6% |
| BILLERICA | BILLERICA MEM HIGH SCH | 117 | 6.2% | 80 | 4.5% | 46 | 2.9% | 35 | 2.3% |
| BOSTON | WILLIAM MCKINLEY | 75 | 37.3% | 65 | 35.5% | 59 | 28.1% | 66 | 35.3% |
| | BRIGHTON HIGH | 220 | 25.0% | 202 | 24.8% | 185 | 22.8% | 228 | 21.8% |
| | CHARLESTOWN HIGH | 148 | 12.9% | 115 | 11.5% | 79 | 7.5% | 203 | 19.7% |
| | DORCHESTER HIGH | 241 | 27.9% | 210 | 25.1% | 175 | 23.4% | 158 | 18.6% |
| | JEREMIAH E BURKE HIGH | 91 | 12.6% | 115 | 15.1% | 152 | 20.5% | 69 | 8.7% |
| | EAST BOSTON HIGH | 163 | 17.7% | 141 | 16.3% | 87 | 11.0% | 74 | 9.4% |
| | THE ENGLISH HIGH | 279 | 17.9% | 234 | 14.8% | 118 | 8.1% | 163 | 13.2% |
| | MADISON PARK HIGH | 337 | 19.0% | 243 | 14.7% | 223 | 12.7% | 142 | 9.0% |
| | BOSTON LATIN ACADEMY | 5 | 0.6% | 12 | 1.3% | 1 | 0.1% | 2 | 0.2% |
| | HYDE PARK HIGH SCHOOL | 67 | 7.9% | 73 | 8.9% | 62 | 7.9% | 167 | 14.7% |
| | BOSTON LATIN | 6 | 0.4% | 2 | 0.1% | 2 | 0.1% | 0 | 0.0% |
| | SOUTH BOSTON HIGH | 255 | 23.9% | 219 | 20.0% | 130 | 12.9% | 193 | 15.4% |
| | WEST ROXBURY SCH | 150 | 11.2% | 127 | 9.9% | 158 | 13.8% | 137 | 10.1% |
| | BOSTON TECH HIGH | 42 | 3.6% | 27 | 2.5% | 31 | 3.1% | 24 | 1.8% |
| | BOSTON HIGH SCHOOL | 106 | 15.3% | 147 | 19.1% | 85 | 11.2% | 147 | 15.4% |
| | SNOWDEN INT'L HIGH | 32 | 6.4% | 26 | 5.5% | 25 | 5.2% | 12 | 2.5% |
| | TOTAL | 2217 | 13.9% | 1958 | 12.6% | 1572 | 10.5% | 1785 | 11.0% |
| BOURNE | BOURNE HIGH | 38 | 5.5% | 21 | 3.3% | 11 | 1.9% | 13 | 2.3% |
| BRAINTREE | BRAINTREE HIGH | 47 | 3.0% | 51 | 3.6% | 40 | 3.1% | 35 | 2.9% |

ANNUAL DROPOUT RATES BY SCHOOL AND DISTRICT

| DISTRICT | SCHOOL NAME | 1987 | | 1988 | | 1989 | | 1990 | |
|---|---|---|---|---|---|---|---|---|---|
| | | # | % | # | % | # | % | # | % |
| BROCKTON | BROCKTON HIGH | 336 | 8.0% | 354 | 9.2% | 319 | 8.8% | 321 | 9.3% |
| | ITHAKA ALTERNATIVE HS | 15 | 35.7% | 25 | 54.4% | 17 | 37.0% | 10 | 20.8% |
| | TOTAL | 351 | 8.3% | 379 | 9.7% | 336 | 9.2% | 331 | 9.5% |
| BROOKLINE | BROOKLINE HIGH | 0 | 0.0% | 0 | 0.0% | 32 | 1.8% | 17 | 0.9% |
| BURLINGTON | BURLINGTON HIGH | 23 | 1.8% | 14 | 1.2% | 8 | 0.7% | 10 | 1.0% |
| CAMBRIDGE | CAMBRIDGE RINDGE & LATIN | 259 | 10.2% | 146 | 6.1% | 127 | 5.6% | 107 | 5.0% |
| CANTON | CANTON HIGH | 11 | 1.3% | 11 | 1.4% | 13 | 1.8% | 11 | 1.6% |
| CHATHAM | CHATHAM HIGH | 4 | 2.3% | 2 | 1.2% | 0 | 0.0% | 3 | 1.8% |
| CHELMSFORD | CHELMSFORD HIGH | 38 | 1.8% | 42 | 2.2% | 36 | 2.1% | 14 | 0.9% |
| CHELSEA | CHELSEA HIGH | 156 | 17.1% | 143 | 16.6% | 143 | 17.6% | 163 | 20.1% |
| CHICOPEE | CHICOPEE HIGH | 89 | 9.2% | 83 | 8.5% | 99 | 10.3% | 54 | 5.8% |
| | CHICOPEE COMPREHENSIVE HS | 78 | 5.6% | 105 | 7.5% | 79 | 6.1% | 90 | 7.4% |
| | TOTAL | 167 | 7.1% | 188 | 7.9% | 178 | 7.9% | 144 | 6.7% |
| CLINTON | CLINTON SENIOR HIGH | 38 | 7.2% | 27 | 5.5% | 20 | 4.4% | 15 | 3.3% |
| COHASSET | COHASSET JR SR HIGH | 11 | 2.6% | 3 | 0.8% | 1 | 0.3% | 1 | 0.3% |
| DANVERS | DANVERS HIGH | 24 | 2.4% | 24 | 2.6% | 17 | 1.9% | 6 | 0.7% |
| | DANVERS ALTERNATIVE HIGH | 0 | 0.0% | 0 | 0.0% | 8 | 40.0% | 4 | 16.7% |
| | TOTAL | 24 | 2.4% | 24 | 2.6% | 25 | 2.8% | 10 | 1.2% |
| DARTMOUTH | DARTMOUTH HIGH | 46 | 4.0% | 42 | 3.8% | 25 | 2.2% | 35 | 3.1% |
| DEDHAM | DEDHAM HIGH | 27 | 2.6% | 24 | 2.7% | 27 | 3.3% | 7 | 0.9% |
| DOUGLAS | DOUGLAS MEMORIAL HIGH | 13 | 6.6% | 7 | 3.4% | 7 | 3.9% | 7 | 3.8% |
| DRACUT | DRACUT SENIOR HIGH | 28 | 2.7% | 30 | 3.0% | 25 | 2.7% | 24 | 2.8% |
| DUXBURY | DUXBURY HIGH | 18 | 1.7% | 2 | 0.2% | 6 | 0.7% | 6 | 0.7% |
| E BRIDGEWATER | EAST BRIDGEWATER HIGH | 15 | 2.2% | 25 | 3.9% | 15 | 2.5% | 13 | 2.3% |
| EASTHAMPTON | EASTHAMPTON HIGH | 41 | 6.5% | 53 | 9.6% | 27 | 5.4% | 17 | 3.7% |
| E LONGMEADOW | EAST LONGMEADOW HIGH | 25 | 3.2% | 14 | 2.0% | 17 | 2.6% | 5 | 0.9% |
| EASTON | EASTON JUNIOR HIGH | 1 | 0.4% | 0 | 0.0% | 1 | 0.4% | 0 | 0.0% |
| | OLIVER AMES HIGH | 11 | 1.4% | 15 | 1.9% | 13 | 1.8% | 5 | 0.7% |
| | TOTAL | 12 | 1.1% | 15 | 1.9% | 14 | 1.5% | 5 | 0.5% |
| EVERETT | EVERETT HIGH | 111 | 7.8% | 44 | 3.4% | 50 | 4.2% | 45 | 3.9% |
| FAIRHAVEN | FAIRHAVEN HIGH | 28 | 4.2% | 33 | 5.3% | 23 | 3.6% | 37 | 5.7% |
| FALL RIVER | B M C DURFEE HIGH | 328 | 10.9% | 329 | 11.1% | 265 | 9.2% | 329 | 11.1% |
| FALMOUTH | FALMOUTH HIGH | 49 | 3.4% | 68 | 4.7% | 97 | 7.3% | 60 | 4.7% |
| FITCHBURG | FITCHBURG HIGH | 146 | 14.7% | 91 | 9.2% | 84 | 8.5% | 81 | 8.3% |
| FOXBOROUGH | FOXBOROUGH HIGH | 28 | 3.1% | 32 | 3.7% | 32 | 4.0% | 12 | 1.7% |
| FRAMINGHAM | FRAMINGHAM NORTH HIGH | 33 | 2.6% | 31 | 2.6% | 20 | 1.7% | 19 | 1.8% |
| | FRAMINGHAM SOUTH HIGH | 60 | 5.8% | 54 | 5.4% | 33 | 3.4% | 56 | 5.9% |
| | TOTAL | 93 | 4.0% | 85 | 3.8% | 53 | 2.5% | 75 | 3.7% |
| FRANKLIN | FRANKLIN HIGH | 18 | 2.0% | 43 | 4.7% | 21 | 2.4% | 15 | 1.8% |
| GARDNER | GARDNER HIGH | 41 | 5.9% | 35 | 5.1% | 36 | 5.4% | 30 | 4.8% |

ANNUAL DROPOUT RATES BY SCHOOL AND DISTRICT

| DISTRICT | SCHOOL NAME | 1987 | | 1988 | | 1989 | | 1990 | |
|---|---|---|---|---|---|---|---|---|---|
| | | # | % | # | % | # | % | # | % |
| GEORGETOWN | GEORGETOWN JR-SR HIGH | 0 | 0.0% | 2 | 0.7% | 1 | 0.3% | 2 | 0.7% |
| GLOUCESTER | GLOUCESTER HIGH | 106 | 8.7% | 103 | 9.2% | 66 | 6.4% | 60 | 6.3% |
| GRAFTON | GRAFTON MEMORIAL SENIOR | 22 | 4.3% | 22 | 4.6% | 12 | 2.6% | 11 | 2.5% |
| GRANBY | GRANBY JR SR HIGH SCH | 7 | 2.5% | 9 | 3.4% | 4 | 1.6% | 5 | 2.1% |
| GREENFIELD | GREENFIELD SENIOR HIGH | 53 | 7.2% | 60 | 8.2% | 30 | 4.7% | 33 | 5.3% |
| HADLEY | HOPKINS ACADEMY | 0 | 0.0% | 2 | 1.6% | 0 | 0.0% | 2 | 1.5% |
| HANOVER | HANOVER HIGH | 15 | 2.0% | 5 | 0.7% | 8 | 1.2% | 9 | 1.6% |
| HARVARD | BROMFIELD | 1 | 0.3% | 3 | 1.1% | 1 | 0.4% | 1 | 0.4% |
| HARWICH | HARWICH JR/SR HIGH | 6 | 1.4% | 9 | 2.2% | 8 | 2.3% | 6 | 1.9% |
| HATFIELD | SMITH ACADEMY | 0 | 0.0% | 0 | 0.0% | 0 | 0.0% | 0 | 0.0% |
| HAVERHILL | HAVERHILL HIGH | 84 | 5.2% | 115 | 7.5% | 75 | 5.1% | 70 | 4.9% |
| HINGHAM | HINGHAM HIGH | 13 | 1.4% | 13 | 1.5% | 3 | 0.3% | 5 | 0.5% |
| HOLBROOK | HOLBROOK JR SR HIGH | 19 | 5.0% | 17 | 4.5% | 8 | 2.3% | 8 | 2.3% |
| HOLLISTON | HOLLISTON HIGH | 12 | 1.4% | 7 | 0.9% | 7 | 1.0% | 2 | 0.3% |
| HOLYOKE | HOLYOKE HIGH | 120 | 8.7% | 167 | 13.0% | 129 | 10.4% | 144 | 10.9% |
| | WM J DEAN VOC TECH HIGH | 40 | 16.5% | 12 | 4.7% | 8 | 3.4% | 36 | 8.3% |
| | TOTAL | 160 | 9.9% | 179 | 11.6% | 137 | 9.3% | 180 | 10.2% |
| HOPEDALE | HOPEDALE JR SR HIGH | 2 | 0.9% | 3 | 1.4% | 2 | 0.9% | 2 | 1.0% |
| HOPKINTON | HOPKINTON JR SR HIGH SCH | 10 | 2.7% | 4 | 1.1% | 2 | 0.6% | 2 | 0.7% |
| HUDSON | HUDSON HIGH | 17 | 2.9% | 19 | 3.2% | 9 | 1.6% | 22 | 3.9% |
| HULL | HULL HIGH | 40 | 7.1% | 27 | 5.2% | 27 | 6.2% | 10 | 2.7% |
| IPSWICH | IPSWICH HIGH | 14 | 2.8% | 17 | 3.7% | 14 | 3.3% | 8 | 2.1% |
| LAWRENCE | ROBERT FROST | | | | | | | 0 | 0.0% |
| | LAWRENCE HIGH | 273 | 14.6% | 299 | 14.9% | 272 | 13.7% | 306 | 15.6% |
| | TOTAL | 273 | 14.6% | 299 | 14.9% | 272 | 13.7% | 306 | 15.2% |
| LEE | LEE HIGH | 2 | 0.5% | 8 | 2.0% | 6 | 1.7% | 5 | 1.5% |
| LEICESTER | LEICESTER HIGH | 16 | 3.7% | 10 | 2.4% | 15 | 3.6% | 15 | 3.6% |
| LENOX | LENOX HIGH | 3 | 1.4% | 9 | 4.3% | 0 | 0.0% | 2 | 0.9% |
| LEOMINSTER | LEOMINSTER SENIOR HIGH | 64 | 5.0% | 63 | 5.4% | 38 | 3.5% | 48 | 4.6% |
| | LEOMINSTER HIGH TRADE | 10 | 3.4% | 39 | 12.0% | 17 | 5.3% | 16 | 5.3% |
| | TOTAL | 74 | 4.7% | 102 | 6.8% | 55 | 3.9% | 64 | 4.7% |
| LEXINGTON | LEXINGTON HIGH | 16 | 0.9% | 10 | 0.6% | 14 | 1.0% | 7 | 0.5% |
| LITTLETON | LITTLETON HIGH | 10 | 3.0% | 5 | 1.6% | 9 | 3.0% | 5 | 1.9% |
| LONGMEADOW | LONGMEADOW HIGH | 13 | 1.3% | 5 | 0.5% | 11 | 1.2% | 6 | 0.7% |
| LOWELL | LOWELL HIGH | 371 | 13.7% | 385 | 14.2% | 304 | 11.3% | 225 | 9.0% |
| LUDLOW | LUDLOW SENIOR HIGH | 29 | 3.0% | 22 | 2.5% | 15 | 1.8% | 22 | 2.6% |
| LUNENBURG | LUNENBURG HIGH | 12 | 2.3% | 9 | 1.9% | 5 | 1.2% | 5 | 1.1% |
| LYNN | BREED JR HIGH | | | | | | | 0 | 0.0% |
| | CLASSICAL HIGH | 127 | 17.1% | 65 | 9.5% | 121 | 18.7% | 69 | 11.4% |
| | LYNN ENGLISH HIGH | 110 | 7.6% | 145 | 10.6% | 131 | 10.2% | 224 | 17.1% |

ANNUAL DROPOUT RATES BY SCHOOL AND DISTRICT

| DISTRICT | SCHOOL NAME | 1987 | | 1988 | | 1989 | | 1990 | |
|---|---|---|---|---|---|---|---|---|---|
| | | # | % | # | % | # | % | # | % |
| | JB BLOOD ALTERNATIVE HIGH | 0 | 0.0% | 0 | 0.0% | 6 | 15.0% | 8 | 22.9% |
| | LYNN VOC TECH INSTITUTE | 32 | 3.5% | 39 | 4.3% | 57 | 6.3% | 53 | 5.9% |
| | TOTAL | 269 | 8.6% | 249 | 8.4% | 315 | 10.9% | 354 | 12.3% |
| LYNNFIELD | LYNNFIELD HIGH | 7 | 1.0% | 8 | 1.3% | 5 | 0.9% | 4 | 0.9% |
| MALDEN | MALDEN HIGH | 117 | 6.7% | 135 | 8.4% | 73 | 4.8% | 79 | 5.5% |
| MANCHESTER | MANCHESTER JR-SR HIGH | 0 | 0.0% | 3 | 1.4% | 1 | 0.5% | 1 | 0.5% |
| MANSFIELD | MANSFIELD HIGH | 33 | 4.3% | 24 | 3.5% | 23 | 3.5% | 6 | 1.0% |
| MARBLEHEAD | MARBLEHEAD HIGH | 9 | 0.9% | 6 | 0.7% | 10 | 1.4% | 4 | 0.6% |
| MARLBOROUGH | MARLBOROUGH HIGH | 58 | 5.3% | 60 | 6.1% | 52 | 6.3% | 38 | 4.7% |
| MARSHFIELD | MARSHFIELD HIGH | 34 | 2.4% | 23 | 1.8% | 27 | 2.3% | 22 | 2.0% |
| MAYNARD | MAYNARD HIGH | 7 | 1.9% | 13 | 3.7% | 4 | 1.3% | 9 | 3.3% |
| MEDFIELD | MEDFIELD SENIOR HIGH | 6 | 1.0% | 1 | 0.2% | 2 | 0.4% | 1 | 0.2% |
| MEDFORD | MEDFORD HIGH | 94 | 6.0% | 78 | 5.3% | 42 | 3.2% | 26 | 2.2% |
| | CURTIS-TUFTS | 0 | 0.0% | 9 | 33.3% | 5 | 13.9% | 6 | 17.1% |
| | MEDFORD VOC TECH HIGH | 4 | 1.0% | 15 | 4.2% | 10 | 3.2% | 10 | 3.6% |
| | TOTAL | 98 | 4.9% | 102 | 5.5% | 57 | 3.4% | 42 | 2.8% |
| MEDWAY | MEDWAY JR-SR HIGH | 5 | 0.9% | 7 | 1.2% | 7 | 1.4% | 3 | 0.6% |
| MELROSE | MELROSE HIGH | 14 | 1.3% | 23 | 2.3% | 12 | 1.3% | 8 | 0.7% |
| METHUEN | METHUEN HIGH | 116 | 7.9% | 90 | 6.2% | 92 | 6.9% | 68 | 5.3% |
| MIDDLEBOROUGH | MIDDLEBOROUGH HIGH | 39 | 3.8% | 39 | 3.9% | 24 | 2.5% | 19 | 2.2% |
| MILFORD | MILFORD HIGH | 55 | 4.3% | 39 | 3.1% | 24 | 2.0% | 23 | 2.1% |
| MILLBURY | MILLBURY MEMORIAL HIGH | 14 | 2.9% | 20 | 4.5% | 20 | 4.6% | 10 | 2.5% |
| MILLIS | MILLIS HIGH SCHOOL | 5 | 1.6% | 5 | 1.7% | 7 | 2.5% | 5 | 1.9% |
| MILTON | MILTON HIGH | 17 | 1.9% | 4 | 0.5% | 10 | 1.3% | 4 | 0.6% |
| MONSON | MONSON JUNIOR-SENIOR HIGH | 4 | 1.4% | 11 | 4.0% | 7 | 2.6% | 8 | 3.2% |
| NANTUCKET | NANTUCKET HIGH | 7 | 3.1% | 0 | 0.0% | 1 | 0.5% | 2 | 0.9% |
| NATICK | NATICK HIGH | 25 | 1.8% | 37 | 2.9% | 26 | 2.2% | 18 | 1.7% |
| NEEDHAM | NEEDHAM HIGH | 14 | 1.1% | 7 | 0.6% | 24 | 2.2% | 4 | 0.4% |
| NEW BEDFORD | NEW BEDFORD HIGH | 296 | 9.2% | 306 | 9.7% | 306 | 9.7% | 270 | 8.5% |
| NEWBURYPORT | NEWBURYPORT HIGH | 22 | 2.6% | 35 | 4.4% | 20 | 2.8% | 20 | 3.1% |
| NEWTON | NEWTON NORTH HIGH | 73 | 3.4% | 48 | 2.5% | 50 | 2.9% | 23 | 1.4% |
| | NEWTON SOUTH HIGH | 53 | 4.4% | 42 | 3.6% | 6 | 0.5% | 17 | 1.5% |
| | TOTAL | 126 | 3.7% | 90 | 2.9% | 56 | 2.0% | 40 | 1.5% |
| NORTH ADAMS | DRURY HIGH | 66 | 9.5% | 58 | 8.5% | 42 | 6.3% | 49 | 7.4% |
| NORTHAMPTON | NORTHAMPTON HIGH | 52 | 4.9% | 50 | 5.0% | 40 | 4.3% | 35 | 4.0% |
| N ANDOVER | NORTH ANDOVER HIGH | 15 | 1.4% | 22 | 2.1% | 11 | 1.1% | 20 | 2.2% |
| N ATTLEBORO | NORTH ATTLEBORO HIGH | 35 | 3.5% | 26 | 2.8% | 42 | 4.8% | 20 | 2.3% |
| NORTHBRIDGE | NORTHBRIDGE JR-SR HIGH | 36 | 6.4% | 31 | 5.6% | 27 | 5.1% | 29 | 5.5% |
| N BROOKFIELD | NORTH BROOKFIELD HIGH | 12 | 5.0% | 12 | 5.6% | 9 | 4.4% | 5 | 2.5% |
| N READING | NORTH READING JR HIGH | 0 | 0.0% | 0 | 0.0% | 0 | 0.0% | 0 | 0.0% |

ANNUAL DROPOUT RATES BY SCHOOL AND DISTRICT

| DISTRICT | SCHOOL NAME | 1987 | | 1988 | | 1989 | | 1990 | |
|---|---|---|---|---|---|---|---|---|---|
| | | # | % | # | % | # | % | # | % |
| | NORTH READING HIGH | 12 | 2.5% | 15 | 3.0% | 7 | 1.6% | 9 | 2.1% |
| | TOTAL | 12 | 2.5% | 15 | 3.0% | 7 | 1.6% | 9 | 1.6% |
| NORTON | NORTON HIGH | 38 | 5.9% | 31 | 5.1% | 26 | 4.4% | 22 | 3.7% |
| NORWELL | NORWELL HIGH | 11 | 1.6% | 8 | 1.2% | 4 | 0.7% | 5 | 1.0% |
| NORWOOD | NORWOOD HIGH | 28 | 3.1% | 25 | 3.0% | 24 | 2.3% | 15 | 1.6% |
| OXFORD | OXFORD HIGH | 20 | 3.5% | 27 | 5.1% | 13 | 2.5% | 5 | 1.1% |
| PALMER | PALMER HIGH | 13 | 2.9% | 11 | 2.7% | 2 | 0.5% | 5 | 1.3% |
| PEABODY | VETERANS MEMORIAL HIGH | 78 | 4.3% | 65 | 3.8% | 49 | 3.1% | 60 | 4.1% |
| | PEABODY ALTERNATIVE H S | 0 | 0.0% | 12 | 66.7% | 5 | 29.4% | 4 | 16.0% |
| | PEABODY VOCATIONAL HIGH | 20 | 10.3% | 27 | 14.5% | 19 | 10.7% | 9 | 6.6% |
| | TOTAL | 98 | 4.8% | 104 | 5.4% | 73 | 4.2% | 73 | 4.5% |
| PITTSFIELD | PITTSFIELD HIGH | 71 | 5.3% | 89 | 6.4% | 58 | 5.2% | 54 | 4.4% |
| | TACONIC HIGH | 53 | 6.5% | 33 | 3.3% | 39 | 6.1% | 21 | 3.8% |
| | HIBBARD ALTERNATIVE | 25 | 38.5% | 0 | 0.0% | 26 | 36.1% | 27 | 35.5% |
| | PITTSFIELD VOCATIONAL | 28 | 6.2% | 0 | 0.0% | 24 | 6.3% | 23 | 6.6% |
| | TOTAL | 177 | 6.6% | 122 | 5.1% | 147 | 6.6% | 125 | 5.7% |
| PROVINCETOWN | PROVINCETOWN HIGH | 2 | 1.4% | 4 | 2.8% | 5 | 3.7% | 5 | 4.2% |
| QUINCY | QUINCY HIGH | 91 | 7.3% | 62 | 5.6% | 60 | 5.7% | 51 | 5.1% |
| | NORTH QUINCY HIGH | 46 | 3.5% | 51 | 4.1% | 16 | 1.4% | 19 | 1.7% |
| | QUINCY VOC TECH | 34 | 7.9% | 22 | 5.9% | 7 | 2.2% | 6 | 2.0% |
| | TOTAL | 171 | 5.7% | 135 | 4.9% | 83 | 3.3% | 76 | 3.1% |
| RANDOLPH | RANDOLPH HIGH | 45 | 3.4% | 54 | 4.4% | 38 | 3.5% | 27 | 2.6% |
| READING | READING MEMORIAL HIGH | 48 | 3.7% | 22 | 1.9% | 14 | 1.3% | 13 | 1.3% |
| REVERE | REVERE HIGH | 55 | 4.2% | 71 | 5.9% | 56 | 4.9% | 84 | 7.9% |
| ROCKLAND | ROCKLAND SENIOR HIGH | 26 | 3.2% | 44 | 5.5% | 18 | 2.6% | 9 | 1.3% |
| ROCKPORT | ROCKPORT SENIOR HIGH | 12 | 4.0% | 11 | 3.9% | 6 | 2.5% | 3 | 1.4% |
| SALEM | SALEM HIGH | 106 | 9.0% | 97 | 8.5% | 90 | 8.2% | 72 | 6.7% |
| SANDWICH | SANDWICH HIGH | 8 | 1.1% | 9 | 1.3% | 7 | 1.0% | 13 | 1.8% |
| SAUGUS | SAUGUS HIGH | 29 | 2.5% | 11 | 1.1% | 6 | 0.7% | 18 | 2.1% |
| SCITUATE | SCITUATE HIGH SCHOOL | 9 | 1.0% | 13 | 1.5% | 22 | 2.9% | 11 | 1.5% |
| SEEKONK | SEEKONK HIGH | 11 | 1.4% | 22 | 3.0% | 11 | 1.7% | 14 | 2.3% |
| SHARON | SHARON HIGH | 8 | 0.9% | 8 | 1.0% | 7 | 0.9% | 7 | 1.0% |
| SHREWSBURY | SHREWSBURY SR HIGH | 44 | 4.2% | 42 | 4.2% | 24 | 2.6% | 20 | 2.3% |
| SOMERSET | SOMERSET HIGH | 24 | 2.0% | 24 | 2.1% | 29 | 2.8% | 30 | 3.1% |
| SOMERVILLE | NEXT WAVE JUNIOR HIGH | 0 | 0.0% | 3 | 0.0% | 1 | 8.3% | 3 | 42.9% |
| | SOMERVILLE HIGH | 198 | 8.8% | 189 | 9.1% | 90 | 4.7% | 79 | 4.1% |
| | FULL CIRCLE HIGH | 0 | 0.0% | 22 | 36.1% | 27 | 45.0% | 27 | 45.0% |
| | TOTAL | 198 | 8.8% | 214 | 10.0% | 118 | 6.0% | 109 | 5.5% |
| SOUTHBRIDGE | SOUTHBRIDGE HIGH | 57 | 8.5% | 55 | 8.6% | 59 | 10.0% | 48 | 8.7% |
| S HADLEY | SOUTH HADLEY HIGH | 18 | 2.6% | 19 | 3.0% | 13 | 2.2% | 9 | 1.6% |

ANNUAL DROPOUT RATES BY SCHOOL AND DISTRICT

| DISTRICT | SCHOOL NAME | 1987 | | 1988 | | 1989 | | 1990 | |
|---|---|---|---|---|---|---|---|---|---|
| | | # | % | # | % | # | % | # | % |
| SPRINGFIELD | CHESTNUT STREET JR HIGH | 16 | 6.4% | 12 | 4.9% | 13 | 6.2% | 9 | 4.5% |
| | JOHN J DUGGAN JR HIGH | 7 | 3.2% | 13 | 6.8% | 10 | 5.7% | 2 | 1.1% |
| | FOREST PARK JR HIGH | 16 | 5.3% | 15 | 6.6% | 13 | 5.1% | 10 | 4.1% |
| | JOHN F KENNEDY JR HIGH | 9 | 5.6% | 10 | 6.3% | 4 | 2.5% | 14 | 8.6% |
| | M MARCUS KILEY JR HIGH | 5 | 1.9% | 6 | 2.4% | 6 | 2.1% | 4 | 1.3% |
| | VAN SICKLE JR HIGH | 14 | 5.2% | 14 | 5.7% | 19 | 6.5% | 2 | 0.9% |
| | BRIDGE ACADEMY JR & SR | 48 | 75.0% | 50 | 60.2% | 45 | 63.4% | 26 | 41.3% |
| | SPRINGFIELD CENTRAL HIGH | 65 | 3.5% | 105 | 5.8% | 47 | 2.7% | 150 | 8.5% |
| | HIGH SCHOOL OF COMMERCE | 255 | 18.3% | 193 | 13.9% | 267 | 20.1% | 172 | 14.1% |
| | MA CAREER DEVELOP CENTER | 9 | 0.0% | 19 | 0.0% | 0 | 0.0% | 0 | 0.0% |
| | PUTNAM VOC TECH HIGH SCH | 218 | 17.5% | 361 | 29.7% | 265 | 22.3% | 196 | 16.4% |
| | TOTAL | 662 | 10.9% | 798 | 13.7% | 689 | 12.0% | 585 | 10.4% |
| STONEHAM | STONEHAM HIGH | 22 | 2.5% | 26 | 3.1% | 18 | 2.3% | 10 | 1.3% |
| STOUGHTON | STOUGHTON HIGH | 48 | 3.6% | 56 | 4.3% | 56 | 4.4% | 30 | 2.5% |
| SUTTON | SUTTON HIGH SCHOOL | 12 | 4.7% | 10 | 4.2% | 7 | 2.9% | 10 | 4.0% |
| SWAMPSCOTT | SWAMPSCOTT HIGH | 12 | 1.4% | 13 | 1.7% | 6 | 0.9% | 9 | 1.4% |
| SWANSEA | SWANSEA JOS. CASE HIGH | 49 | 5.3% | 35 | 4.0% | 0 | 0.0% | 47 | 6.3% |
| TAUNTON | TAUNTON HIGH | 143 | 9.1% | 177 | 12.1% | 186 | 13.1% | 118 | 8.2% |
| TEWKSBURY | TEWKSBURY MEMORIAL HIGH | 45 | 3.8% | 29 | 2.7% | 26 | 2.6% | 30 | 3.1% |
| TYNGSBOROUGH | TYNGSBOROUGH JR SR HIGH | 5 | 1.5% | 5 | 1.6% | 10 | 3.4% | 6 | 2.1% |
| UXBRIDGE | UXBRIDGE HIGH | 24 | 5.8% | 29 | 7.4% | 20 | 5.4% | 13 | 3.7% |
| WAKEFIELD | WAKEFIELD MEMORIAL HIGH | 1 | 0.1% | 12 | 1.1% | 9 | 0.9% | 14 | 1.5% |
| WALPOLE | WALPOLE HIGH | 7 | 0.7% | 11 | 1.3% | 5 | 0.6% | 4 | 0.6% |
| WALTHAM | WALTHAM SR HIGH | 70 | 3.9% | 69 | 4.0% | 70 | 4.3% | 47 | 3.1% |
| | WALTHAM VOCATIONAL HIGH | 32 | 13.5% | 34 | 19.3% | 18 | 10.8% | 17 | 10.6% |
| | TOTAL | 102 | 5.0% | 103 | 5.4% | 88 | 4.9% | 64 | 3.8% |
| WARE | WARE HIGH | 24 | 5.3% | 27 | 6.3% | 16 | 4.3% | 9 | 2.7% |
| WAREHAM | WAREHAM SENIOR HIGH | 71 | 10.2% | 29 | 4.2% | 33 | 5.0% | 17 | 2.7% |
| WATERTOWN | WATERTOWN HIGH | 35 | 3.8% | 39 | 4.5% | 13 | 1.6% | 19 | 2.5% |
| WAYLAND | WAYLAND HIGH | 4 | 0.5% | 5 | 0.7% | 8 | 1.2% | 0 | 0.0% |
| WEBSTER | BARTLETT JR SR HIGH SCH | 7 | 1.1% | 14 | 2.3% | 15 | 2.7% | 23 | 4.3% |
| WELLESLEY | WELLESLEY SR HIGH | 7 | 0.7% | 9 | 0.9% | 1 | 0.1% | 2 | 0.2% |
| WESTBOROUGH | WESTBOROUGH HIGH | 5 | 0.8% | 4 | 0.6% | 4 | 0.7% | 8 | 1.4% |
| W BOYLSTON | WEST BOYLSTON JR-SR HIGH | 0 | 0.0% | 1 | 0.4% | 2 | 0.8% | 3 | 1.4% |
| W BRIDGEWATER | W BRIDGEWATER JR-SR | 8 | 2.3% | 9 | 2.7% | 7 | 2.2% | 6 | 2.0% |
| WESTFIELD | WESTFIELD HIGH | 56 | 3.5% | 48 | 3.1% | 49 | 3.3% | 46 | 3.3% |
| | WESTFIELD ALT | 5 | 17.2% | 4 | 12.9% | 11 | 39.3% | 9 | 31.0% |
| | WESTFIELD VOC HIGH | 24 | 9.2% | 31 | 11.4% | 15 | 5.9% | 26 | 10.0% |
| | TOTAL | 85 | 4.5% | 83 | 4.5% | 75 | 4.2% | 81 | 4.8% |
| WESTFORD | WESTFORD ACADEMY | 19 | 2.1% | 21 | 2.4% | 5 | 0.6% | 9 | 1.1% |

ANNUAL DROPOUT RATES BY SCHOOL AND DISTRICT

| DISTRICT | SCHOOL NAME | 1987 | | 1988 | | 1989 | | 1990 | |
|---|---|---|---|---|---|---|---|---|---|
| | | # | % | # | % | # | % | # | % |
| WESTON | WESTON HIGH | 3 | 0.5% | 3 | 0.6% | 4 | 0.8% | 2 | 0.5% |
| WESTPORT | WESTPORT HIGH | 30 | 5.1% | 25 | 4.7% | 21 | 4.4% | 13 | 2.9% |
| W SPRINGFIELD | WEST SPRINGFIELD HIGH | 69 | 5.9% | 65 | 5.9% | 37 | 3.5% | 47 | 4.6% |
| WESTWOOD | WESTWOOD HIGH | 7 | 0.9% | 6 | 0.9% | 6 | 1.0% | 2 | 0.4% |
| WEYMOUTH | WEYMOUTH NORTH HIGH | 33 | 2.8% | 23 | 2.2% | 38 | 3.9% | 24 | 2.6% |
| | WEYMOUTH SOUTH HIGH | 32 | 2.8% | 31 | 2.9% | 20 | 2.1% | 22 | 2.5% |
| | WEYMOUTH ALTERN SR HIGH | 5 | 38.5% | 0 | 0.0% | 4 | 33.3% | 0 | |
| | WEYMOUTH VOC TECH HIGH | 28 | 7.5% | 25 | 7.4% | 9 | 2.6% | 7 | 2.1% |
| | TOTAL | 98 | 3.6% | 79 | 3.2% | 71 | 3.1% | 53 | 2.5% |
| WILMINGTON | WILMINGTON HIGH | 18 | 2.0% | 20 | 2.5% | 9 | 1.3% | 10 | 1.5% |
| WINCHENDON | MURDOCK HIGH | 14 | 4.4% | 15 | 4.8% | 22 | 7.3% | 10 | 3.6% |
| WINCHESTER | WINCHESTER HIGH SCHOOL | 16 | 1.5% | 23 | 2.3% | 10 | 1.1% | 3 | 0.4% |
| WINTHROP | WINTHROP SR HIGH | 13 | 1.8% | 10 | 1.4% | 6 | 0.9% | 8 | 1.3% |
| WOBURN | WOBURN HIGH | 24 | 2.0% | 28 | 2.5% | 39 | 3.0% | 35 | 2.8% |
| WORCESTER | BURNCOAT SENIOR HIGH | 56 | 5.5% | 93 | 9.2% | 142 | 14.8% | 114 | 10.8% |
| | DOHERTY MEMORIAL HIGH | 150 | 11.6% | 88 | 6.6% | 106 | 7.9% | 81 | 6.2% |
| | NORTH HIGH | 171 | 17.1% | 147 | 15.4% | 115 | 13.3% | 141 | 16.0% |
| | SOUTH HIGH COMMUNITY | 178 | 12.8% | 211 | 15.8% | 221 | 15.9% | 100 | 8.7% |
| | TOTAL | 555 | 11.8% | 539 | 11.6% | 584 | 12.8% | 436 | 9.9% |
| SMITH | SMITH VOC & AGR HIGH | 20 | 3.4% | 20 | 3.6% | 20 | 3.7% | 14 | 2.8% |
| WORCESTER TRADE | WORCESTER VOC TECH HIGH | 23 | 3.0% | 25 | 3.6% | 19 | 2.9% | 15 | 2.4% |
| | DAVID HALE FANNING TRADE | 13 | 2.7% | 25 | 5.4% | 31 | 7.0% | 18 | 4.2% |
| | TOTAL | 36 | 2.9% | 50 | 4.3% | 50 | 4.6% | 33 | 3.1% |
| ACTON-BOXBOROUGH | ACTON-BOXBOROUGH REG HIGH | 10 | 0.7% | 14 | 1.1% | 11 | 0.9% | 8 | 0.7% |
| ADAMS-CHESHIRE | HOOSAC VALLEY HIGH | 31 | 5.3% | 10 | 1.9% | 17 | 3.4% | 14 | 2.9% |
| AMHERST-PELHAM | AMHERST-PELHAM JR HIGH | 0 | 0.0% | 0 | 0.0% | 0 | 0.0% | 0 | 0.0% |
| | AMHERST REGIONAL HIGH | 21 | 2.1% | 35 | 3.9% | 24 | 2.9% | 21 | 2.8% |
| | TOTAL | 21 | 2.1% | 35 | 3.9% | 24 | 2.9% | 21 | 2.1% |
| ASHBURNHAM-WMINSTER | OAKMONT REGIONAL H S | 29 | 4.7% | 12 | 1.9% | 19 | 3.1% | 16 | 2.7% |
| ATHOL-ROYALSTON | ATHOL HIGH | 38 | 6.4% | 41 | 7.3% | 25 | 4.6% | 35 | 6.5% |
| BERKSHIRE HILLS | MONUMENT MT REG HIGH | 18 | 3.1% | 25 | 4.3% | 12 | 2.2% | 22 | 4.1% |
| BERLIN-BOYLESTON | TAHANTO REG HIGH | 3 | 1.4% | 1 | 0.5% | 3 | 1.5% | 4 | 2.2% |
| BLACKSTONE-MILLVILLE | BLACKSTONE MILLVILLE REG | 14 | 3.1% | 23 | 5.0% | 23 | 5.6% | 19 | 4.8% |
| BRIDGEWATER-RAYNHAM | BRIDGEWATER-RAYNHAM REG | 52 | 4.0% | 53 | 4.1% | 57 | 4.4% | 33 | 2.6% |
| CENTRAL BERKSHIRE | WAHCONAH REGIONAL HIGH | 10 | 1.4% | 24 | 3.4% | 19 | 2.8% | 22 | 3.3% |
| CONCORD-CARLISLE | CONCORD CARLISLE HIGH | 16 | 1.4% | 18 | 1.8% | 15 | 1.6% | 6 | 0.7% |
| DENNIS-YARMOUTH | DENNIS-YARMOUTH REG HIGH | 84 | 6.6% | 72 | 6.0% | 70 | 6.3% | 65 | 6.2% |
| DIGHTON-REHOBOTH | DIGHTON-REHOBOTH RHS | 31 | 3.4% | 30 | 3.6% | 27 | 3.4% | 31 | 4.1% |
| DOVER-SHERBORN | DOVER-SHERBORN REG HIGH | 6 | 1.2% | 3 | 0.7% | 1 | 0.2% | 1 | 0.3% |
| DUDLEY-CHARLETON | SHEPHERD HILL REG HIGH | 31 | 4.0% | 23 | 3.1% | 37 | 5.2% | 32 | 4.6% |

ANNUAL DROPOUT RATES BY SCHOOL AND DISTRICT

| DISTRICT | SCHOOL NAME | 1987 | | 1988 | | 1989 | | 1990 | |
|---|---|---|---|---|---|---|---|---|---|
| | | # | % | # | % | # | % | # | % |
| NAUSET | NAUSET REGIONAL HIGH | 31 | 4.2% | 22 | 3.0% | 10 | 1.5% | 12 | 1.8% |
| FREETOWN-LAKEVILLE | APPONEQUET REG HIGH | 34 | 3.7% | 44 | 4.9% | 37 | 4.4% | 24 | 3.1% |
| FRONTIER | FRONTIER REG | 7 | 2.0% | 5 | 1.6% | 4 | 1.2% | 6 | 1.8% |
| GATEWAY | GATEWAY REG HIGH | 17 | 4.0% | 27 | 6.4% | 15 | 4.0% | 19 | 5.2% |
| GROTON-DUNSTABLE | GROTON DUNSTABLE REGIONAL | 5 | 1.1% | 2 | 0.5% | 3 | 0.8% | 6 | 1.6% |
| GILL-MONTAGUE | TURNERS FALL HIGH | 21 | 4.9% | 31 | 7.1% | 25 | 6.2% | 17 | 4.2% |
| HAMILTON-WENHAM | HAMILTON-WENHAM REG HIGH | 3 | 0.4% | 3 | 0.4% | 10 | 1.6% | 8 | 1.3% |
| HAMPDEN-WILBRAHAM | MINNECHAUG REG HIGH | 30 | 2.8% | 30 | 3.0% | 13 | 1.4% | 8 | 0.9% |
| HAMPSHIRE | HAMPSHIRE REG HIGH | 13 | 2.6% | 6 | 1.3% | 9 | 2.0% | 6 | 1.4% |
| KING PHILIP | KING PHILIP REG HIGH | 11 | 1.4% | 17 | 2.3% | 11 | 1.6% | 16 | 2.4% |
| | KING PHILIP REG VOC HIGH | 18 | 6.2% | 16 | 6.4% | 10 | 4.0% | 8 | 3.1% |
| | TOTAL | 29 | 2.7% | 33 | 3.3% | 21 | 2.2% | 24 | 2.6% |
| LINCOLN-SUDBURY | LINCOLN-SUDBURY REG HIGH | 10 | 0.8% | 0 | 0.0% | 5 | 0.5% | 8 | 0.8% |
| MARTHAS VINEYARD | MARTHAS VINEYARD REG HIGH | 11 | 2.3% | 19 | 4.0% | 7 | 1.5% | 16 | 3.4% |
| MASCONOMET | MASCONOMET REG JR-SR HIGH | 15 | 1.6% | 19 | 2.2% | 16 | 2.0% | 9 | 1.2% |
| MENDON-UPTON | NIPMUC REGIONAL HIGH | 10 | 2.9% | 3 | 0.9% | 2 | 0.7% | 0 | 0.0% |
| MT GREYLOCK | MT GREYLOCK REG HIGH | 9 | 1.6% | 9 | 1.6% | 13 | 2.6% | 14 | 3.0% |
| MOHAWK TRAIL | MOHAWK TRAIL REG HIGH | 8 | 1.6% | 30 | 5.7% | 22 | 4.6% | 13 | 2.8% |
| NARRAGANSETT | NARRAGANSETT REG HIGH | 20 | 4.7% | 14 | 3.3% | 10 | 2.5% | 14 | 3.7% |
| NASHOBA | NASHOBA REGIONAL | 13 | 1.6% | 13 | 1.7% | 10 | 1.5% | 16 | 2.6% |
| NORTHBORO-SOUTHBORO | ALGONQUIN REG HIGH | 31 | 3.3% | 36 | 3.9% | 17 | 1.9% | 19 | 2.2% |
| NORTH MIDDLESEX | NORTH MIDDLESEX REG | 58 | 5.5% | 35 | 3.4% | 43 | 4.0% | 16 | 1.5% |
| OLD ROCHESTER | OLD ROCHESTER REG HIGH | 16 | 2.5% | 11 | 1.8% | 12 | 2.1% | 6 | 1.1% |
| PENTUCKET | PENTUCKET JR HIGH | 0 | 0.0% | 0 | 0.0% | 0 | 0.0% | 0 | 0.0% |
| | PENTUCKET REG SR HIGH | 10 | 2.1% | 11 | 2.5% | 9 | 2.1% | 7 | 1.6% |
| | TOTAL | 10 | 2.1% | 11 | 2.5% | 9 | 2.0% | 7 | 0.0% |
| PIONEER VALLEY | PIONEER VALLEY REG | 0 | 0.0% | 10 | 4.4% | 3 | 1.5% | 4 | 1.8% |
| PLYMOUTH-CARVER | PLYMOUTH-NORTH HIGH | 61 | 4.5% | 74 | 5.4% | 39 | 4.6% | 43 | 5.3% |
| | CARVER HIGH SCHOOL | 0 | 0.0% | 0 | 0.0% | 3 | 0.7% | 20 | 4.8% |
| | PLYMOUTH-SOUTH HIGH | 0 | 0.0% | 0 | 0.0% | 41 | 3.4% | 66 | 8.4% |
| | PLYMOUTH SOUTH TECHNICAL | 0 | 0.0% | 0 | 0.0% | 0 | 0.0% | 33 | 8.2% |
| | TOTAL | 61 | 4.5% | 74 | 5.4% | 83 | 3.3% | 162 | 6.7% |
| QUABBIN REGIONAL | QUABBIN REGIONAL JR SR | 27 | 4.9% | 23 | 4.3% | 13 | 2.7% | 16 | 3.1% |
| RALPH C MAHAR | RALPH C MAHAR REG | 35 | 6.3% | 32 | 6.3% | 31 | 6.6% | 34 | 7.3% |
| SILVER LAKE | SILVER LAKE REG | 88 | 4.7% | 73 | 4.0% | 56 | 3.2% | 23 | 1.4% |
| S BERSHIRE | MT EVERETT REGIONAL | 12 | 4.3% | 8 | 2.9% | 10 | 3.7% | 10 | 4.2% |
| SOUTHWICK-TOLLAND | SOUTHWICK HIGH | 0 | 0.0% | 39 | 8.7% | 15 | 3.5% | 14 | 3.6% |
| SPENCER E BROOKFIELD | DAVID PROUTY HIGH | 37 | 5.7% | 32 | 5.3% | 22 | 4.0% | 17 | 3.2% |
| TANTASQUA | TANTASQUA REG JR HIGH | 7 | 3.9% | 11 | 5.3% | 11 | 5.8% | 6 | 3.6% |
| | TANTASQUA REG SR HIGH | 38 | 7.0% | 33 | 6.0% | 35 | 6.5% | 18 | 3.4% |

ANNUAL DROPOUT RATES BY SCHOOL AND DISTRICT

| DISTRICT | SCHOOL NAME | 1987 | | 1988 | | 1989 | | 1990 | |
|---|---|---|---|---|---|---|---|---|---|
| | | # | % | # | % | # | % | # | % |
| | TANTASQUA REG VOC | 4 | 3.1% | 16 | 12.3% | 12 | 8.6% | 5 | 3.7% |
| | TOTAL | 49 | 5.8% | 60 | 6.8% | 58 | 6.7% | 29 | 3.5% |
| TRITON | TRITON REG HIGH | 28 | 3.4% | 29 | 3.7% | 24 | 3.3% | 24 | 3.6% |
| WACHUSETT | WACHUSETT REGIONAL HIGH | 42 | 2.5% | 52 | 3.2% | 43 | 2.7% | 28 | 1.8% |
| QUABOAG | QUABOAG REGIONAL HIGH | 17 | 4.7% | 16 | 4.8% | 12 | 3.6% | 19 | 5.8% |
| WHITMAN-HANSON | WHITMAN HANSON REGIONAL | 64 | 5.1% | 66 | 5.7% | 34 | 3.1% | 25 | 2.4% |
| ASSABET VALLEY | ASSABET VALLEY VOC HS | 46 | 3.9% | 3 | 0.3% | 0 | 0.0% | 29 | 3.1% |
| BLACKSTONE | BLACKSTONE VALLEY | 39 | 4.3% | 32 | 3.7% | 30 | 3.7% | 41 | 5.5% |
| BLUE HILLS | BLUE HILLS REG VOC TECH | 2 | 0.2% | 0 | 0.0% | 49 | 6.0% | 39 | 4.9% |
| BRISTOL-PLYMOUTH | BRISTOL-PLYMOUTH VOC-TECH | 6 | 0.8% | 5 | 0.7% | 5 | 0.7% | 4 | 0.6% |
| CAPE COD | CAPE COD REGION VOC TECH | 105 | 13.5% | 66 | 10.1% | 60 | 10.7% | 57 | 11.3% |
| FRANKLIN COUNTY | FRANKLIN COUNTY TECH | 65 | 10.6% | 65 | 11.6% | 39 | 7.5% | 30 | 6.5% |
| GREATER FALL RIVER | DIMAN REG VOC TECH HIGH | 26 | 2.5% | 25 | 2.4% | 12 | 1.1% | 22 | 2.0% |
| GR LAWRENCE | GR LAWRENCE REG VOC TECH | 114 | 7.3% | 112 | 7.8% | 85 | 6.0% | 76 | 5.0% |
| GR NEW BEDFORD | GR NEW BEDFORD VOC TECH | 75 | 3.9% | 111 | 6.0% | 79 | 4.4% | 36 | 2.1% |
| GR LOWELL | GR LOWELL REG VOC TECH | 114 | 5.2% | 88 | 4.0% | 163 | 7.2% | 154 | 7.1% |
| S MIDDLESEX | JOSEPH P KEEFE TECH HS | 49 | 5.4% | 71 | 7.8% | 77 | 9.5% | 51 | 6.9% |
| MINUTE MAN | MINUTE MAN VOC TECH HIGH | 0 | 0.0% | 0 | 0.0% | 0 | 0.0% | 0 | 0.0% |
| MONTACHUSETT | MONTACHUSETT VOC-TECH | 62 | 6.1% | 93 | 9.2% | 99 | 9.5% | 73 | 7.1% |
| N BERKSHIRE | CHARLES MCCANN VOC TECH | 8 | 1.9% | 5 | 1.3% | 6 | 1.5% | 3 | 0.8% |
| NASHOBA VALLEY | NASHOBA VALLEY TECH H S | 24 | 3.5% | 26 | 4.3% | 19 | 3.6% | 20 | 4.1% |
| NORTHEAST METRO | NORTHEAST METRO REG VOC | 15 | 1.1% | 0 | 0.0% | 15 | 1.2% | 2 | 0.2% |
| NORTH SHORE | NORTH SHORE REG VOC | 45 | 10.8% | 54 | 14.4% | 32 | 9.4% | 57 | 15.4% |
| OLD COLONY | OLD COLONY REG VOC TECH | 17 | 3.2% | 18 | 3.3% | 18 | 3.4% | 4 | 0.8% |
| PATHFINDER | PATHFINDER VOC-TECH | 21 | 4.7% | 20 | 4.5% | 29 | 5.9% | 14 | 2.8% |
| SHAWSHEEN VALLEY | SHAWSHEEN VALLEY VOCTECH | 19 | 1.3% | 111 | 8.2% | 39 | 3.1% | 33 | 2.9% |
| SOUTHEASTERN | SOUTHEASTERN REG VOC TECH | 25 | 2.0% | 35 | 2.7% | 29 | 2.3% | 22 | 1.8% |
| SOUTH SHORE | SO SHORE VOC TECH HIGH | 12 | 2.3% | 7 | 1.5% | 25 | 5.0% | 7 | 1.5% |
| S WORCESTER | BAY PATH REG VOC TECH H S | 26 | 2.8% | 37 | 4.0% | 63 | 7.2% | 31 | 3.5% |
| TRI COUNTY | TRI COUNTY REG VOC TECH | 21 | 2.6% | 31 | 4.2% | 22 | 3.1% | 15 | 2.2% |
| UPPER CAPE COD | UPPER CAPE COD VOC TECH | 24 | 4.6% | 36 | 7.3% | 14 | 3.1% | 29 | 6.5% |
| WHITTIER | WHITTIER REG VOC | 105 | 8.7% | 94 | 8.1% | 72 | 6.4% | 59 | 5.7% |
| BRISTOL COUNTY | BRISTOL COUNTY AGRI HIGH | 13 | 5.4% | 15 | 6.3% | 12 | 4.6% | 7 | 2.9% |
| ESSEX | ESSEX AGR&TECH INST | 8 | 2.6% | 11 | 3.4% | 5 | 1.7% | 5 | 1.8% |
| NORFOLK COUNTY | NORFOLK COUNTY AGR | 7 | 2.7% | 4 | 1.4% | 3 | 1.1% | 0 | 0.0% |

# Section V: Projected 4-Year Dropout Rates by District

## PROJECTED 4-YEAR DROPOUT RATES BY DISTRICT

| DISTRICT | Class of 1990 | Class of 1991 | Class of 1992 | Class of 1993 |
|---|---|---|---|---|
| ABINGTON | 10% | 9% | 11% | 9% |
| AGAWAM | 15% | 21% | 15% | 13% |
| AMESBURY | 20% | 13% | 20% | 21% |
| ANDOVER | 4% | 5% | 3% | 3% |
| ARLINGTON | 9% | 10% | 3% | 5% |
| ASHLAND | 6% | 5% | 2% | 1% |
| ATTLEBORO | 29% | 32% | 29% | 30% |
| AUBURN | 5% | 10% | 6% | 4% |
| AVON | 6% | 8% | 3% | 12% |
| AYER | 21% | 17% | 9% | 14% |
| BARNSTABLE | 16% | 18% | 23% | 19% |
| BEDFORD | 4% | 5% | 4% | 2% |
| BELCHERTOWN | 21% | 19% | 14% | 8% |
| BELLINGHAM | 9% | 14% | 10% | 6% |
| BELMONT | 7% | 3% | 0% | 1% |
| BEVERLY | 8% | 10% | 17% | 14% |
| BILLERICA | 22% | 17% | 11% | 9% |
| BOSTON | 46% | 43% | 37% | 36% |
| BOURNE | 20% | 12% | 7% | 9% |
| BRAINTREE | 11% | 13% | 11% | 11% |
| BROCKTON | 28% | 33% | 31% | 32% |
| BROOKLINE | - | - | 6% | 4% |
| BURLINGTON | 7% | 4% | 2% | 4% |
| CAMBRIDGE | 22% | 22% | 20% | 18% |
| CANTON | 5% | 5% | 7% | 6% |
| CHATHAM | 10% | 4% | 0% | 7% |
| CHELMSFORD | 7% | 8% | 8% | 4% |
| CHELSEA | 52% | 51% | 52% | 59% |
| CHICOPEE | 25% | 28% | 27% | 24% |
| CLINTON | 26% | 20% | 16% | 13% |
| COHASSET | 9% | 3% | 1% | 1% |
| DANVERS | 9% | 10% | 10% | 5% |
| DARTMOUTH | 15% | 14% | 9% | 12% |
| DEDHAM | 10% | 10% | 13% | 3% |
| DOUGLAS | 22% | 14% | 13% | 15% |
| DRACUT | 10% | 11% | 10% | 11% |

## PROJECTED 4-YEAR DROPOUT RATES BY DISTRICT

| DISTRICT | Class of 1990 | Class of 1991 | Class of 1992 | Class of 1993 |
|---|---|---|---|---|
| DUXBURY | 6% | 1% | 2% | 3% |
| E BRIDGEWATER | 8% | 15% | 9% | 9% |
| EASTHAMPTON | 23% | 33% | 20% | 14% |
| E LONGMEADOW | 12% | 10% | 16% | 4% |
| EASTON | 4% | 5% | 6% | 2% |
| EVERETT | 27% | 13% | 15% | 14% |
| FAIRHAVEN | 15% | 19% | 14% | 21% |
| FALL RIVER | 36% | 37% | 31% | 38% |
| FALMOUTH | 12% | 17% | 26% | 18% |
| FITCHBURG | 44% | 31% | 29% | 28% |
| FOXBOROUGH | 12% | 13% | 14% | 6% |
| FRAMINGHAM | 15% | 14% | 9% | 14% |
| FRANKLIN | 7% | 18% | 9% | 7% |
| GARDNER | 21% | 19% | 20% | 18% |
| GEORGETOWN | - | 3% | 1% | 3% |
| GLOUCESTER | 30% | 30% | 22% | 23% |
| GRAFTON | 16% | 17% | 10% | 10% |
| GRANBY | 11% | 12% | 6% | 8% |
| GREENFIELD | 26% | 19% | 18% | 20% |
| HADLEY | - | 7% | 0% | 5% |
| HANOVER | 8% | 2% | 5% | 5% |
| HARVARD | 1% | 3% | 1% | 2% |
| HARWICH | 5% | 8% | 7% | 7% |
| HATFIELD | - | 0% | 0% | 0% |
| HAVERHILL | 19% | 27% | 18% | 18% |
| HINGHAM | 4% | 4% | 1% | 2% |
| HOLBROOK | 19% | 18% | 9% | 9% |
| HOLLISTON | 6% | 3% | 4% | 1% |
| HOLYOKE | 30% | 35% | 29% | 36% |
| HOPEDALE | 4% | 6% | 3% | 4% |
| HOPKINTON | 10% | 4% | 2% | 3% |
| HUDSON | 11% | 12% | 6% | 15% |
| HULL | 25% | 19% | 23% | 10% |
| IPSWICH | 4% | 7% | 5% | 8% |
| LAWRENCE | 45% | 46% | 44% | 47% |
| LEE | 2% | 8% | 6% | 6% |

PROJECTED 4-YEAR DROPOUT RATES BY DISTRICT

| DISTRICT | Class of 1990 | Class of 1991 | Class of 1992 | Class of 1993 |
|---|---|---|---|---|
| LEICESTER | 14% | 9% | 14% | 13% |
| LENOX | 5% | 16% | 0% | 4% |
| LEOMINSTER | 17% | 25% | 15% | 18% |
| LEXINGTON | 3% | 2% | 4% | 2% |
| LITTLETON | 11% | 6% | 10% | 7% |
| LONGMEADOW | 5% | 2% | 4% | 3% |
| LOWELL | 43% | 50% | 37% | 31% |
| LUDLOW | 11% | 8% | 7% | 10% |
| LUNENBURG | 9% | 7% | 4% | 5% |
| LYNN | 30% | 29% | 37% | 41% |
| LYNNFIELD | 3% | 5% | 3% | 4% |
| MALDEN | 24% | 31% | 18% | 21% |
| MANCHESTER | - | 5% | 2% | 3% |
| MANSFIELD | 15% | 13% | 14% | 4% |
| MARBLEHEAD | 3% | 3% | 6% | 2% |
| MARLBOROUGH | 19% | 22% | 0% | 17% |
| MARSHFIELD | 9% | 6% | 9% | 8% |
| MAYNARD | 7% | 13% | 5% | 14% |
| MEDFIELD | 4% | 0% | 1% | 1% |
| MEDFORD | 17% | 20% | 13% | 11% |
| MEDWAY | 3% | 4% | 5% | 2% |
| MELROSE | 4% | 6% | 4% | 3% |
| METHUEN | 28% | 23% | 24% | 20% |
| MIDDLEBOROUGH | 14% | 14% | 10% | 9% |
| MILFORD | 16% | 12% | 8% | 8% |
| MILLBURY | 11% | 17% | 17% | 9% |
| MILLIS | 6% | 7% | 10% | 7% |
| MILTON | 7% | 2% | 5% | 2% |
| MONSON | 5% | 16% | 10% | 13% |
| NANTUCKET | 12% | - | 1% | 3% |
| NATICK | 7% | 11% | 9% | 6% |
| NEEDHAM | 4% | 2% | 8% | 2% |
| NEW BEDFORD | 31% | 32% | 32% | 29% |
| NEWBURYPORT | 10% | 16% | 11% | 12% |
| NEWTON | 14% | 11% | 7% | 6% |
| NORTH ADAMS | 32% | 30% | 23% | 26% |

PROJECTED 4-YEAR DROPOUT RATES BY DISTRICT

| DISTRICT | Class of 1990 | Class of 1991 | Class of 1992 | Class of 1993 |
|---|---|---|---|---|
| NORTHAMPTON | 18% | 18% | 16% | 15% |
| N ANDOVER | 6% | 8% | 4% | 8% |
| N ATTLEBORO | 13% | 11% | 18% | 9% |
| NORTHBRIDGE | 23% | 21% | 19% | 20% |
| N BROOKFIELD | 19% | 20% | 17% | 10% |
| N READING | 7% | 8% | 4% | 6% |
| NORTON | 21% | 18% | 16% | 14% |
| NORWELL | - | 5% | 2% | 4% |
| NORWOOD | 10% | 11% | 9% | 6% |
| OXFORD | 13% | 19% | 9% | 4% |
| PALMER | 11% | 10% | 2% | 5% |
| PEABODY | 18% | 20% | 15% | 17% |
| PITTSFIELD | 24% | 19% | 24% | 21% |
| PROVINCETOWN | 5% | 11% | 17% | 16% |
| QUINCY | 21% | 18% | 12% | 12% |
| RANDOLPH | 13% | 17% | 13% | 10% |
| READING | 14% | 7% | 4% | 5% |
| REVERE | 16% | 22% | 18% | 28% |
| ROCKLAND | 12% | 20% | 10% | 5% |
| ROCKPORT | 16% | 15% | 9% | 6% |
| SALEM | 30% | 28% | 29% | 24% |
| SANDWICH | 4% | 5% | 4% | 7% |
| SAUGUS | 9% | 4% | 3% | 8% |
| SCITUATE | 4% | 6% | 11% | 6% |
| SEEKONK | 5% | 11% | 6% | 9% |
| SHARON | 4% | 4% | 4% | 4% |
| SHREWSBURY | 15% | 15% | 10% | 9% |
| SOMERSET | 8% | 8% | 10% | 12% |
| SOMERVILLE | 31% | 31% | 17% | 21% |
| SOUTHBRIDGE | 28% | 30% | 34% | 30% |
| S HADLEY | 10% | 11% | 9% | 13% |
| SPRINGFIELD | 36% | 43% | 40% | 36% |
| STONEHAM | 9% | 12% | 9% | 5% |
| STOUGHTON | 13% | 16% | 16% | 10% |
| SUTTON | 18% | 17% | 12% | 15% |
| SWAMPSCOTT | 5% | 6% | 3% | 6% |

## PROJECTED 4-YEAR DROPOUT RATES BY DISTRICT

| DISTRICT | Class of 1990 | Class of 1991 | Class of 1992 | Class of 1993 |
|---|---|---|---|---|
| SWANSEA | 19% | 15% | 18% | 23% |
| TAUNTON | 31% | 39% | 42% | 29% |
| TEWKSBURY | 14% | 10% | 9% | 12% |
| TYNGSBOROUGH | 6% | 6% | 13% | 8% |
| UXBRIDGE | 22% | 28% | 22% | 15% |
| WAKEFIELD | 0% | 4% | 3% | 6% |
| WALPOLE | 3% | 5% | 2% | 2% |
| WALTHAM | 18% | 20% | 18% | 14% |
| WARE | 20% | 23% | 15% | 10% |
| WAREHAM | 35% | 16% | 18% | 10% |
| WATERTOWN | 13% | 17% | 6% | 10% |
| WAYLAND | 2% | 2% | 5% | 0% |
| WEBSTER | 4% | 8% | 10% | 16% |
| WELLESLEY | 2% | 3% | 0% | 1% |
| WESTBOROUGH | 3% | 2% | 2% | 6% |
| W BOYLESTON | - | 2% | 3% | 6% |
| W BRIDGEWATER | 9% | 11% | 8% | 8% |
| WESTFIELD | 17% | 16% | 16% | 18% |
| WESTFORD | 8% | 9% | 2% | 4% |
| WESTON | 2% | 2% | 3% | 2% |
| WESTPORT | 19% | 18% | 16% | 11% |
| W SPRINGFIELD | 22% | 22% | 13% | 17% |
| WESTWOOD | 3% | 4% | 4% | 1% |
| WEYMOUTH | 14% | 12% | 12% | 10% |
| WILMINGTON | 7% | 9% | 5% | 6% |
| WINCHENDON | 16% | 18% | 26% | 13% |
| WINCHESTER | 5% | 8% | 4% | 1% |
| WINTHROP | 7% | 5% | 3% | 5% |
| WOBURN | 6% | 8% | 11% | 11% |
| WORCESTER | 39% | 39% | 42% | 34% |
| SMITH | 13% | 14% | 14% | 11% |
| WORCESTER TRADE | 11% | 16% | 18% | 12% |
| ACTON-BOXBOROUGH | 2% | 4% | 3% | 3% |
| ADAMS-CHESHIRE | 19% | 7% | 13% | 11% |
| AMHERST-PELHAM | 6% | 11% | 8% | 8% |
| ASHBURNHAM-WESTMINSTER | 13% | 8% | 12% | 10% |

PROJECTED 4-YEAR DROPOUT RATES BY DISTRICT

| DISTRICT | Class of 1990 | Class of 1991 | Class of 1992 | Class of 1993 |
|---|---|---|---|---|
| ATHOL-ROYALSTON | 23% | 26% | 17% | 24% |
| BERKSHIRE HILLS | 12% | 16% | 8% | 16% |
| BERLIN-BOYLESTON | 5% | 2% | 4% | 9% |
| BLACKSTONE-MILLVILLE | 12% | 18% | 21% | 18% |
| BRIDGEWATER-RAYNHAM | 15% | 16% | 17% | 10% |
| CENTRAL BERKSHIRE | 5% | 13% | 11% | 13% |
| CONCORD-CARLISLE | 5% | 6% | 6% | 3% |
| DENNIS-YARMOUTH | 24% | 22% | 23% | 23% |
| DIGHTON-REHOBOTH | 13% | 13% | 13% | 15% |
| DOVER-SHERBORN | 4% | 2% | 1% | 1% |
| DUDLEY-CHARLETON | 15% | 12% | 20% | 18% |
| NAUSET | 15% | 12% | 6% | 7% |
| FREETOWN-LAKEVILLE | 14% | 19% | 17% | 12% |
| FRONTIER | 8% | 7% | 5% | 7% |
| GATEWAY | 15% | 23% | 14% | 19% |
| GROTON-DUNSTABLE | 4% | 2% | 3% | 6% |
| GILL-MONTAGUE | 19% | 26% | 22% | 16% |
| HAMILTON-WENHAM | 1% | 1% | 6% | 5% |
| HAMPDEN-WILBRAHAM | 10% | 11% | 6% | 4% |
| HAMPSHIRE | 10% | 5% | 7% | 5% |
| KING PHILIP | 10% | 12% | 8% | 10% |
| LINCOLN-SUDBURY | 3% | - | 2% | 3% |
| MARTHAS VINEYARD | 9% | 15% | 6% | 13% |
| MASCONOMET | 6% | 8% | 7% | 5% |
| MENDON-UPTON | 11% | 4% | 3% | 0% |
| MT GREYLOCK | 6% | 6% | 10% | 11% |
| MOHAWK TRAIL | 6% | 21% | 17% | 11% |
| NARRAGANSETT | 17% | 12% | 9% | 14% |
| NASHOBA | 6% | 6% | 5% | 10% |
| NORTHBORO-SOUTHBORO | 12% | 14% | 7% | 9% |
| NORTH MIDDLESEX | 20% | 13% | 15% | 6% |
| OLD ROCHESTER | 10% | 7% | 8% | 4% |
| PENTUCKET | 7% | 9% | 6% | 5% |
| PIONEER VALLEY | - | 16% | 6% | 8% |
| PLYMOUTH-CARVER | 16% | 18% | 13% | 24% |
| QUABBIN | 18% | 16% | 10% | 12% |

PROJECTED 4-YEAR DROPOUT RATES BY DISTRICT

| DISTRICT | Class of 1990 | Class of 1991 | Class of 1992 | Class of 1993 |
|---|---|---|---|---|
| RALPH C MAHAR | 24% | 23% | 24% | 27% |
| SILVER LAKE | 17% | 15% | 12% | 6% |
| SOUTHERN BERKSHIRE | - | 11% | 14% | 16% |
| SOUTHWICK-TOLLAND | 15% | 31% | 14% | 14% |
| SPENCER E BROOKFIELD | 20% | 19% | 15% | 12% |
| TANTASQUA | 21% | 24% | 23% | 13% |
| TRITON | 13% | 14% | 12% | 13% |
| WACHUSETT | 9% | 11% | 10% | 7% |
| QUABOAG REGIONAL | 17% | 18% | 15% | 21% |
| WHITMAN-HANSON | 19% | 11% | 5% | 9% |
| ASSABET VALLEY | 15% | 1% | - | 12% |
| BLACKSTONE | 16% | 14% | 14% | 20% |
| BLUE HILLS | 1% | - | 22% | 19% |
| BRISTOL-PLYMOUTH | 3% | 3% | 3% | 2% |
| CAPE COD | 44% | 35% | 37% | 39% |
| FRANKLIN COUNTY | 37% | 39% | 27% | 23% |
| GREATER FALL RIVER | 24% | 9% | 5% | 8% |
| GR LAWRENCE | 27% | 29% | 23% | 19% |
| GR NEW BEDFORD | 15% | 22% | 17% | 9% |
| GR LOWELL | 19% | 15% | 25% | 25% |
| SOUTH MIDDLESEX | 20% | 28% | 32% | 25% |
| MINUTE MAN | - | - | 0% | 0% |
| MONTACHUSETT | 23% | 32% | 33% | 27% |
| NORTHERN BERKSHIRE | 8% | 5% | 5% | 3% |
| NASHOBA VALLEY | 13% | 16% | 13% | 16% |
| NORTHEAST METRO | 5% | - | 5% | 1% |
| NORTH SHORE | 36% | 46% | 33% | 48% |
| OLD COLONY | 13% | 12% | 13% | 3% |
| PATHFINDER | 17% | 16% | 23% | 11% |
| SHAWSHEEN VALLEY | 5% | 29% | 12% | 11% |
| SOUTHEASTERN | 8% | 11% | 9% | 7% |
| SOUTH SHORE | 9% | 5% | 19% | 6% |
| SOUTH WORCESTER | 11% | 15% | 26% | 13% |
| TRI COUNTY | 9% | 16% | 12% | 9% |
| UPPER CAPE COD | 18% | 26% | 11% | 24% |
| WHITTIER | 31% | 28% | 23% | 21% |

PROJECTED 4-YEAR DROPOUT RATES BY DISTRICT

| DISTRICT | Class of 1990 | Class of 1991 | Class of 1992 | Class of 1993 |
|---|---|---|---|---|
| BRISTOL COUNTY | 21% | 24% | 16% | 11% |
| ESSEX AGR | 11% | 14% | 7% | 8% |
| NORFOLK COUNTY AGR | 10% | 6% | 5% | 0% |

# Appendix A

## Dropout Definition: 1991-1992 Reporting Period (conforms with newly adopted federal definition)

**A dropout for the school year being reported is an individual who:**

1. was enrolled at the end of the previous school year, did not return to school after summer vacation and was not enrolled at any time during the school year or

2. was enrolled during the regular school term and was not enrolled on the last day of that same school term; and

3. has not graduated from high school or completed a state- or district-approved educational program; and

4. does not meet any of the following exclusionary conditions:

a. transferred to another public school, nonpublic school, other district-approved program, or other state-approved program, or

b. temporary absence due to suspension or verified illness, or

c. death.

**For the purposes of applying the dropout definition, the following additional definitions also apply:**

1. A school year is the 12-month period including the regular school term and the preceding summer vacation. The date for counting dropouts is assumed to be the first day after the end of the regular school term.

2. The previous school year is the school year prior to the school year being reported. For example, the 1990-91 school year is the previous year for the 1991-92 school year, the school year being reported.

3. Students in grades 6 through 12 are counted as dropouts for the grade and school year for which they fail to report.

4. A school completer has graduated from high school or has received official recognition of completion of a state- or district-approved program. A state- or district-approved program may include special education programs, but does not include programs granting a GED certificate.

5. Transfer as described in Section 4(a) may be demonstrated through a transcript request or other documentation giving evidence of continuing elementary or secondary education.

6. A student should be counted as a dropout only once each school year. A student should be counted as a dropout once each year for multiple school years, if a pattern of repeated enrollment and dropping out occurs.

7. A student who dropped out during the school year, reenrolled and was enrolled on the last day of the same school year is not counted as a dropout.



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MASSACHUSETTS DEPARTMENT OF EDUCATION- LEA BY SERVICE DELIVERY AREA

**BERKSHIRE**
ADAMS (NON OP)
ALFORD (NON OP)
BECKET (NON OP)
CHESHIRE (NON OP)
CLARKSBURG
DALTON (NON OP)
EGREMONT (NON OP)
FLORIDA
GREAT BARRINGTON (NON OP)
HANCOCK
HINSDALE (NON OP)
LANESBOROUGH
LEE
LENOX
MONTEREY (NON OP)
MOUNT WASHINGTON (NON OP)
NEW ASHFORD (NON OP)
NEW MARLBOROUGH (NON OP)
NORTH ADAMS
OTIS
PERU (NON-OP)
PITTSFIELD
RICHMOND
SANDISFIELD
SAVOY
SHEFFIELD (NON-OP)
STOCKBRIDGE (NON-OP)
TYRINGHAM (NON-OP)
WASHINGTON (NON OP)
WEST STOCKBRIDGE (NON OP)
WILLIAMSTOWN
WINDSOR (NON OP)
ADAMS-CHESHIRE
BERKSHIRE HILLS
CENTRAL BERKSHIRE
MOUNT GREYLOCK
SOUTHERN BERKSHIRE
NORTHERN BERKSHIRE VOC

**BOSTON**
BOSTON

**BRISTOL**
ATTLEBORO
BERKLEY
DIGHTON (NON-OP)
FALL RIVER
MANSFIELD
NORTH ATTLEBOROUGH
NORTON
RAYNHAM
REHOBOTH (NON-OP)
SEEKONK
SOMERSET
SWANSEA
TAUNTON
WESTPORT
DIGHTON-REHOBOTH
BRISTOL-PLYMOUTH VOC-TECH
GREATER FALL RIVER
BRISTOL COUNTY AGR

**BROCKTON**
ABINGTON
AVON
BRIDGEWATER
BROCKTON
EAST BRIDGEWATER
EASTON
HANSON
STOUGHTON
WEST BRIDGEWATER
WHITMAN
BRIDGEWATER-RAYNHAM
WHITMAN-HANSON
SOUTHEASTERN

**FRANKLIN-HAMPSHIRE**
AMHERST
ASHFIELD (NON-OP)
ATHOL (NON OP)
BELCHERTOWN
BERNARDSTON
BUCKLAND (NON OP)
CHARLEMONT (NON OP)
CHESTERFIELD
COLRAIN (NON OP)
CONWAY
CUMMINGTON (NON OP)
DEERFIELD
EASTHAMPTON
ERVING
GILL (NON-OP)
GOSHEN
GRANBY
GREENFIELD
HADLEY
HATFIELD
HAWLEY (NON OP)
HEATH (NON OP)
HUNTINGTON (NON OP)
LEVERETT
LEYDEN
MIDDLEFIELD (NON OP)
MONROE
MONTAGUE (NON-OP)
NEW SALEM (NON-OP)
NORTHAMPTON
NORTHFIELD
ORANGE
PELHAM
PETERSHAM
PHILLIPSTON (NON OP)
PLAINFIELD (NON OP)
ROWE
ROYALSTON (NON OP)
SHELBURNE (NON OP)
SHUTESBURY
SOUTHAMPTON
SOUTH HADLEY
SUNDERLAND
WARE
WARWICK
WENDELL (NON-OP)
WESTHAMPTON
WHATELY
WILLIAMSBURG
WORTHINGTON (NON OP)
NORTHAMPTON-SMITH
AMHERST-PELHAM
ASHFIELD-PLAINFIELD REG
ATHOL-ROYALSTON
BUCKLAND COLRAIN SHELBURN
FRONTIER
GILL-MONTAGUE
HAMPSHIRE
HAWLEMONT
MOHAWK TRAIL
NEW SALEM-WENDELL
PIONEER VALLEY
RALPH C MAHAR
FRANKLIN COUNTY

**HAMPDEN**
AGAWAM
BLANDFORD (NON-OP)
BRIMFIELD
CHESTER (NON OP)
CHICOPEE
EAST LONGMEADOW
GRANVILLE
HAMPDEN
HOLLAND
HOLYOKE
LONGMEADOW
LUDLOW
MONSON
MONTGOMERY (NON OP)
PALMER
RUSSELL (NON OP)
SOUTHWICK (NON OP)
SPRINGFIELD
TOLLAND (NON OP)
WALES
WESTFIELD
WEST SPRINGFIELD
WILBRAHAM
GATEWAY
HAMPDEN-WILBRAHAM
SOUTHWICK-TOLLAND
PATHFINDER VOC-TECH

**METRO NORTH**
ARLINGTON
BELMONT
BURLINGTON
CAMBRIDGE
CHELSEA
EVERETT
MALDEN
MEDFORD
MELROSE
NORTH READING
READING
REVERE
SOMERVILLE
STONEHAM
WAKEFIELD
WATERTOWN
WILMINGTON
WINCHESTER
WINTHROP
WOBURN
NORTHEAST METRO VOC

**METRO SOUTH-WEST**
ACTON
ASHLAND
BEDFORD
BELLINGHAM
BOXBOROUGH
BROOKLINE
CANTON
CARLISLE
CONCORD
DEDHAM
DOVER
FOXBOROUGH
FRAMINGHAM
FRANKLIN
HOLLISTON
HOPKINTON
HUDSON
LEXINGTON
LINCOLN
LITTLETON
MARLBOROUGH
MAYNARD
MEDFIELD
MEDWAY
MILLIS
NATICK
NEEDHAM
NEWTON
NORFOLK
NORWOOD
PLAINVILLE
SHARON
SHERBORN
SOUTHBOROUGH
STOW
SUDBURY
WALPOLE
WALTHAM
WAYLAND
WELLESLEY
WESTON
WESTWOOD
WRENTHAM
ACTON-BOXBOROUGH
CONCORD-CARLISLE
DOVER-SHERBORN
KING PHILIP
LINCOLN-SUDBURY
ASSABET VALLEY
BLUE HILLS VOC
SO MIDDLESEX VOC TECH REG
MINUTE MAN VOC TECH
TRI COUNTY
NORFOLK COUNTY AGR

**NEW BEDFORD**
ACUSHNET
BARNSTABLE
BOURNE
BREWSTER
CHATHAM
CHILMARK
DARTMOUTH
DENNIS (NON-OP)
EASTHAM
EDGARTOWN
FAIRHAVEN
FALMOUTH
FREETOWN
GAY HEAD (NON OP)
GOSNOLD
HARWICH
LAKEVILLE
MARION
MASHPEE
MATTAPOISETT
NANTUCKET
NEW BEDFORD
OAK BLUFFS
ORLEANS
PROVINCETOWN
ROCHESTER
SANDWICH
TISBURY
TRURO
WAREHAM
WELLFLEET
WEST TISBURY
YARMOUTH (NON-OP)
DENNIS-YARMOUTH
NAUSET
FREETOWN-LAKEVILLE
MARTHAS VINEYARD
OLD ROCHESTER
CAPE COD REGION VOC TECH
GREATER NEW BEDFORD
OLD COLONY VOC TECH
UPPER CAPE COD VOC-TECH

**LOWER MERRIMACK**
AMESBURY
ANDOVER
BOXFORD
GEORGETOWN
GROVELAND
HAVERHILL
LAWRENCE
MERRIMAC
METHUEN
NEWBURY
NEWBURYPORT
NORTH ANDOVER
ROWLEY
SALISBURY
WEST NEWBURY
LAWRENCE VOCATIONAL
PENTUCKET
TRITON
GREATER LAWRENCE
WHITTIER VOC

**NORTHERN MIDDLESEX**
BILLERICA
CHELMSFORD
DRACUT
DUNSTABLE (NON OP)
LOWELL
TEWKSBURY
TYNGSBOROUGH
WESTFORD
GREATER LOWELL VOC-TEC
SHAWSHEEN VALLEY VOC-TECH

**NORTHERN WORCESTER**
ASHBURNHAM (NON-OP)
ASHBY (NON OP)
AYER
BARRE (NON-OP)
BERLIN
BOLTON
CLINTON
FITCHBURG
GARDNER
GROTON (NON OP)
HARVARD
HUBBARDSTON (NON-OP)
LANCASTER
LEOMINSTER
LUNENBURG
PEPPERELL (NON OP)
PRINCETON
SHIRLEY
STERLING
TEMPLETON (NON OP)
TOWNSEND (NON OP)
WESTMINSTER (NON-OP)
WINCHENDON
ASHBURNHAM-WESTMINSTER
GROTON-DUNSTABLE
NARRAGANSETT
NASHOBA
NORTH MIDDLESEX
QUABBIN
MONTACHUSETT VOC-TECH
NASHOBA VALLEY TECH

**SOUTHERN COASTAL**
BRAINTREE
CARVER
COHASSET
DUXBURY
HALIFAX
HANOVER
HINGHAM
HOLBROOK
HULL
KINGSTON
MARSHFIELD
MIDDLEBOROUGH
MILTON
NORWELL
PEMBROKE
PLYMOUTH
PLYMPTON
QUINCY
RANDOLPH
ROCKLAND
SCITUATE
WEYMOUTH
PLYMOUTH-CARVER
SILVER LAKE
SOUTH SHORE REG VOC TECH

**SOUTHERN ESSEX**
BEVERLY
DANVERS
ESSEX
GLOUCESTER
HAMILTON (NON OP)
IPSWICH
LYNN
LYNNFIELD
MANCHESTER
MARBLEHEAD
MIDDLETON
NAHANT
PEABODY
ROCKPORT
SALEM
SAUGUS
SWAMPSCOTT
TOPSFIELD
WENHAM (NON OP)
HAMILTON-WENHAM
MASCONOMET
NORTH SHORE REG VOC
ESSEX AGR TECH

**SOUTHERN WORCESTER**
AUBURN
BLACKSTONE (NON-OP)
BOYLSTON
BROOKFIELD
CHARLTON (NON OP)
DOUGLAS
DUDLEY (NON OP)
EAST BROOKFIELD (NON-OP)
GRAFTON
HARDWICK (NON-OP)
HOLDEN
HOPEDALE
LEICESTER
MENDON (NON OP)
MILFORD
MILLBURY
MILLVILLE (NON-OP)
NEW BRAINTREE (NON-OP)
NORTHBOROUGH
NORTHBRIDGE
NORTH BROOKFIELD
OAKHAM (NON-OP)
OXFORD
PAXTON
RUTLAND
SHREWSBURY
SOUTHBRIDGE
SPENCER (NON-OP)
STURBRIDGE
SUTTON
UPTON (NON OP)
UXBRIDGE
WARREN (NON-OP)
WEBSTER
WESTBOROUGH
WEST BOYLSTON
WEST BROOKFIELD (NON-OP)
WORCESTER
WORCESTER TRADE COMPLEX
BERLIN-BOYLSTON
BLACKSTONE-MILLVILLE
DUDLEY-CHARLTON REG
MENDON-UPTON
NORTHBORO-SOUTHBORO
SPENCER E BROOKFIELD
TANTASQUA
WACHUSETT
QUABOAG REGIONAL
BLACKSTONE VALLEY REG
S WORCESTER COUNTY VOC

### Urbanized Centers

| | | | |
|---|---|---|---|
| ATTLEBORO | HAVERHILL | PROVINCETOWN | --REGIONALS-- |
| AYER | HOLYOKE | QUINCY | LAWRENCE VOCATIONAL |
| BOSTON | LAWRENCE | REVERE | NORTHAMPTON SMITH |
| BROCKTON | LEOMINSTER | SALEM | WORCESTER TRADE |
| CAMBRIDGE | LOWELL | SOMERVILLE | BERKSHIRE HILLS |
| CHELSEA | LYNN | SOUTHBRIDGE | BRISTOL PLYMOUTH |
| CHICOPEE | MALDEN | SPRINGFIELD | GREATER FALL RIVER |
| CLINTON | MAYNARD | TAUNTON | GREATER LAWRENCE |
| EVERETT | MEDFORD | WALTHAM | GREATER NEW BEDFORD |
| FAIRHAVEN | METHUEN | WATERTOWN | GREATER LOWELL |
| FALL RIVER | MILFORD | WEBSTER | MONTACHUSETT |
| FITCHBURG | NEW BEDFORD | WESTFIELD | NORTHERN BERKSHIRE |
| GARDNER | NORTH ADAMS | WEST SPRINGFIELD | SOUTHEASTERN |
| GLOUCESTER | NORTHAMPTON | WORCESTER | SOUTHERN WORCESTER |
| GREAT BARRINGTON | PITTSFIELD | | WHITTIER |
| GREENFIELD | | | BRISTOL COUNTY |

### Economically-Developed Suburbs

| | | | | |
|---|---|---|---|---|
| * ACTON | * DANVERS | * NATICK | * TEWKSBURY | --REGIONALS-- |
| * ANDOVER | * DEDHAM | * NEEDHAM | * WAKEFIELD | ACTON BOXBOROUGH |
| * ARLINGTON | * EAST LONGMEADOW | * NEWTON | WALPOLE | CONCORD CARLISLE |
| * ASHLAND | * FOXBOROUGH | * NORTH ANDOVER | WELLESLEY | NORTHBORO SOUTHBORO |
| * AUBURN | * FRAMINGHAM | * NORTHBOROUGH | WESTBOROUGH | ASSABET VALLEY |
| * AYON | * FRANKLIN | * NORWOOD | WEST BOYLSTON | BLUE HILLS |
| * BEDFORD | * GRAFTON | * PEABODY | WESTWOOD | QUINOBIN |
| * BELMONT | * HOLBROOK | * RANDOLPH | WEYMOUTH | SOUTH MIDDLESEX |
| * BEVERLY | * HUDSON | * READING | WILMINGTON | MINUTEMAN |
| * BILLERICA | * LEXINGTON | * SAUGUS | WINCHESTER | NASHOBA VALLEY |
| * BRAINTREE | * LITTLETON | * SHREWSBURY | WOBURN | NORTHEAST METRO |
| * BROOKLINE | * MARBLEHEAD | * SOMERSET | | NORTH SHORE |
| * BURLINGTON | * MARLBOROUGH | * SOUTH HADLEY | | SHAWSHEEN VALLEY |
| * CANTON | * MELROSE | * STONEHAM | | TRI COUNTY |
| * CHELMSFORD | * MIDDLETON | * STOUGHTON | | ESSEX COUNTY |
| * CONCORD | * MILTON | * SWAMPSCOTT | | NORFOLK COUNTY |

### Growth Communities

| | | | |
|---|---|---|---|
| * AGAWAM | * MARVICH | * ROCHESTER | * --REGIONALS-- |
| * AMHERST | * KINGSTON | * ROWLEY | * AMHERST PELHAM |
| * BARNSTABLE | * LANCASTER | * SALISBURY | * ASHBURNHAM WESTMINSTER |
| * BELCHERTOWN | * LENOX | * SEEKONK | * BRIDGEWATER RAYNHAM |
| * BELLINGHAM | * LUDLOW | * SOUTHWICK | DENNIS YARMOUTH |
| * BOURNE | * LUNENBURG | * STURBRIDGE | FREETOWN LAKEVILLE |
| * BRIDGEWATER | * MANSFIELD | * SUNDERLAND | NEW SALEM WENDELL |
| * CARVER | * MARION | * SWANSEA | OLD ROCHESTER |
| * DARTMOUTH | * MASHPEE | * TYNGSBOROUGH | PLYMOUTH CARVER |
| * DRACUT | * MATTAPOISETT | * WAREHAM | SILVER LAKE |
| * EAST BRIDGEWATER | * NORTON | * WENDELL | TANTASQUA |
| * FALMOUTH | * PEMBROKE | * WESTMINSTER | TRITON |
| * FREETOWN | * PLAINVILLE | * WESTPORT | CAPE COD |
| * GRANBY | * PLYMOUTH | * YARMOUTH | OLD COLONY |
| * HANSON | * PLYMPTON | | UPPER CAPE COD |
| * HARVARD | * RAYNHAM | | |



| | | | | |
|---|---|---|---|---|
| * BERLIN | * HAMILTON | * NEDHAM | * SHARON | --REGIONALS-- |
| * BOLTON | * HAMPDEN | * NEWBURY | * SHERBORN | BERLIN BOYLSTON |
| * BOXBOROUGH | * HANOVER | * NILLIS | * SOUTHBOROUGH | BOXER SHERBORN |
| * BOXFORD | * HINGHAM | * MONTGOMERY | * STERLING | GROTON DUNSTABLE |
| * BOYLSTON | * HOLDEN | * NORFOLK | * STOW | HAMILTON WENHAM |
| * CARLISLE | * HOLLISTON | * NORTH READING | * SUDBURY | HAMPDEN WILBRAHAM |
| * CONCORD | * HOPKINTON | * NORWELL | * TOPSFIELD | KING PHILIP |
| * DOVER | * LINCOLN | * PAXTON | * WAYLAND | LINCOLN SUDBURY |
| * DUNSTABLE | * LONGMEADOW | * PELHAM | * WENHAM | MASCONOMET |
| * DUXBURY | * LYNNFIELD | * PRINCETON | * WESTFORD | NENDON UPTON |
| * EASTON | * MANCHESTER | * RICHMOND | WESTHAMPTON | NASHOBA |
| * GEORGETOWN | * MARSHFIELD | * SANDWICH | WESTON | PENTUCKET |
| * GROTON | * MEDFIELD | * SCITUATE | WILBRAHAM | WACHUSETT |
| * GROVELAND | | | | |

### Rural Economic Centers

| | | | | |
|---|---|---|---|---|
| * ABINGTON | * DUDLEY | * MONSON | TEMPLETON | CENTRAL BERKSHIRE |
| * ACUSHNET | * EAST BROOKFIELD | * MONTAGUE | UXBRIDGE | DUDLEY CHARLTON |
| * ADAMS | * EASTHAMPTON | * NEW BRAINTREE | WARE | FRONTIER |
| * AMESBURY | * ERVING | * NEWBURYPORT | WARREN | GILL MONTAGUE |
| * ATHOL | * GILL | * NORTH ATTLEBOROUGH | WEST BRIDGEWATER | MOHAWK TRAIL |
| * BARRE | * HARDWICK | * NORTHBRIDGE | WEST BROOKFIELD | NARRAGANSETT |
| * BERNARDSTON | * HATFIELD | * NORTH BROOKFIELD | WHITMAN | PIONEER |
| * BLACKSTONE | * HINSDALE | * NORTHFIELD | WILLIAMSBURG | QUABBIN |
| * BROOKFIELD | * HOPEDALE | * ORANGE | WINCHENDON | RALPH C MAHAR |
| * BUCKLAND | * HULL | * OXFORD | WINTHROP | SPENCER-E BRKFLD |
| * CHESHIRE | * LEE | * PALMER | WRENTHAM | WARREN-W BRKFLD |
| * CHESTER | * LEICESTER | * ROCKLAND | --REGIONALS-- | WHITMAN HANSON |
| * CLARKSBURG | * MERRIMAC | * RUSSELL | ADAMS CHESHIRE | BLACKSTONE VALLEY |
| * COLRAIN | * MIDDLEBOROUGH | * SHELBURNE | ATHOL ROYALSTON | FRANKLIN COUNTY |
| * DALTON | * MILLBURY | * SHIRLEY | BLACKSTONE-MLVLE | PATHFINDER |
| * DEERFIELD | * MILLVILLE | * SPENCER | BUCKLAND SHELBURNE | SOUTH SHORE |
| * DIGHTON | * MONROE | | | |

### Small Rural Communities

| | | | | |
|---|---|---|---|---|
| * ASHBURNHAM | * GOSHEN | * MIDDLEFIELD | * REMOBOTH | * WEST NEWBURY |
| * ASHBY | * GRANVILLE | * MT WASHINGTON | * ROYALSTON | * WORTHINGTON |
| * BECKET | * HALIFAX | * NEWBURY | * RUTLAND | * --REGIONALS-- |
| * BERKLEY | * HANCOCK | * NEW SALEM | * SAVOY | * DIGHTON RNDTN |
| * BLANDFORD | * HEATH | * OAKHAM | * SOUTHAMPTON | * GATEWAY |
| * BRIMFIELD | * HOLLAND | * OTIS | * SUTTON | * HAMPSHIRE |
| * CHARLEMONT | * HUBBARDSTON | * PEPPERELL | * TOLLAND | * HAVLEMONT |
| * CHARLTON | * HUNTINGTON | * PERU | * TOWNSEND | * NORTH MIDDLESEX |
| * CHESTERFIELD | * LAKEVILLE | * PETERSHAM | * WALES | |
| * DOUGLAS | * LANESBOROUGH | * PHILLIPSTON | * WARWICK | |
| * FLORIDA | * LEYDEN | * PLAINFIELD | * WASHINGTON | |

### Resort/ Retirement/ Artistic

| | | | | |
|---|---|---|---|---|
| * ALFORD | * EGREMONT | * NANTUCKET | * STOCKBRIDGE | * WINDSOR |
| * ASHFIELD | * ESSEX | * NEW ASHFORD | * TISBURY | * --REGIONALS-- |
| * BREWSTER | * GAY HEAD | * NEW MARLBOROUGH | * TRURO | * NAUSET |
| * CHATHAM | * GOSHOLD | * OAK BLUFFS | * TYRINGHAM | * MARTHAS VINEYARD |
| * CHILMARK | * HADLEY | * ORLEANS | * UPTON | * MOUNT GREYLOCK |
| * COHUIT | * HAWLEY | * ROCKPORT | * WELLFLEET | * SOUTHERN BERKSH |
| * CUMMINGTON | * IPSWICH | * ROWE | * WEST STOCKBRIDGE | |
| * DENNIS | * LEVERETT | * SANDISFIELD | * WEST TISBURY | |
| * EASTHAM | * MONTEREY | * SHEFFIELD | * WHATELY | |
| * EDGARTOWN | * NAHANT | * SHUTESBURY | * WILLIAMSTOWN | |

BEST COPY AVAILABLE